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# PHASE I ENVIRONMENTAL SITE ASSESSMENT

# Prepared For:

Garrard County Industrial Development Authority, Inc. c/o Mr. David Land Re: 90-Acre Farm Lancaster, KY 40444

# Through:

Copperhead Environmental Consulting, Inc. 11641 Richmond Road Paint Lick, KY 40461



# Prepared By:

Micah Group 746 Westland Drive, Suite 110 Lexington, KY 40504

July 2011

#### **Executive Summary**

A Phase I Environmental Site Assessment (ESA) was conducted on an approximate 90-acre farm located northeast of Lancaster, Garrard County, Kentucky. The subject property is located approximately 1,000 feet east of Highway 27 and approximately 1,000 feet northwest of Highway 39. The subject property is owned by the Lancaster-Garrard County Industrial Development Authority, Inc. The subject property consists of farmland (crops). The subject property has been farmland since at least 1905.

# This ESA has indicated the following:

- The subject property consists of crops, grass, thick vegetation, three sinkholes, and a small pond. No buildings were located at the subject property at the time of the site reconnaissance.
- Approximately three or four large piles of dirt were observed at the subject property.
  The dirt piles appear to have originated from the newly graded access road (dirt).
  Visible signs of contamination were not observed in the dirt piles at the time of the site reconnaissance.
- Sinkholes were observed at the north, central, and east portions of the subject property. Visible signs of contamination were not observed in the sinkholes at the time of the site reconnaissance.
- Hazardous substances in connection with identified uses that constitute evidence of a
  recognized environmental condition were not observed at the subject property at the
  time of the site reconnaissance.
- A review of the regulatory database did not indicate the registration of USTs at the subject property and, evidence of vent pipes, fill pipes, or access ways indicating USTs was not discovered at the time of the site reconnaissance. Within the scope of this investigation, evidence indicating the past presence or current use of USTs on the subject property was not discovered.
- An ASTM-compliant government records radial database report was obtained for this
  assessment. The database report does not indicate facilities within the search radii on
  the Federal or State database listings of significant environmental concern.
- Mr. David Land, Chairman with the Garrard County Economic Development Foundation, indicated a neighboring gasoline station (Somerset Oil located approximately 1,000 feet south of the subject property) was reported with a loss of product in this facility's underground storage tanks approximately five years ago. Mr. Land noted the reason for the reported loss was not found. Mr. Land also noted that soil and groundwater samples were collected at this property due to the reported loss of product. He noted that petroleum product was not found in the soil and/or

and/or groundwater samples. The reported loss of product from the south neighboring property is of minimal environmental concern due to the lack of petroleum product found in the soil and groundwater at this facility and the distance from the subject property (approximately 1,000 feet).

This assessment has revealed no evidence of *recognized environmental conditions* or significant environmental concerns in connection with the subject property.

# 1.0 Introduction

# 1.1 Purpose

The Micah Group was retained through Copperhead Environmental Consulting, Inc. by the Garrard County Industrial Development Authority, Inc. to conduct a Phase I Environmental Site Assessment (ESA) of an approximate 90-acre farm located northeast of Lancaster, Garrard County, Kentucky.

This report will be used to identify recognized environmental conditions (RECs) of the subject property in conjunction with the ASTM E 1527-05 Standard Practice for Environmental Site Assessments. A recognized environmental condition is defined as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property."

This ASTM standard practice is designed to "define good commercial and customary practice in the United States of America for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum products." As such, this practice is "intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability; that is, the practice that constitutes all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" (42 U.S.C. § 9601 (35) (B)).

There is a possibility that even with the proper application of these methodologies property conditions may exist that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. The Micah Group believes that the information obtained from the historical document review and interviews concerning the site are reliable. However, Micah Group cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The methodologies of this assessment are not intended to produce all inclusive or comprehensive results, but rather to provide the client with information relating to the property. Site conditions reported in this report reflect conditions observed at the time of the site reconnaissance.

# 1.2 Scope of Services

The methodology used in the completion of this report is specified under the Scope of Work in Micah Group Proposal # 11-132 and the provisions of the ASTM Practice E 1527-05.

# 1.3 Special Terms and Conditions, Limitations, and Exceptions

The property boundaries and onsite sinkholes were overgrown with a vast amount of vegetative growth; thus limiting visual inspection. The property boundaries and sinkhole inspections were limited to an "exterior" view of the vegetative canopy where access was limited.

# 1.4 User Reliance

This report is provided for the use of the Garrard County Industrial Development Authority, Inc. Use of this report by any other parties will be at the party's sole risk, and Micah Group disclaims any liability for any such use or reliance by other parties.

# 2.0 Subject Property Description

# 2.1 Location and Legal Description

The subject property is located in Lancaster, Garrard County, Kentucky. The subject property does not have a physical address. The approximate 90-acre tract is located approximately two miles northeast of Lancaster, Kentucky, approximately 1,000 feet east of Highway 27, and approximately 1,000 feet northwest of Highway 39.

The legal description of the subject property is as follows: "Being all of Lots 9 through and including 44 and Lots 56 through and including 76 as set forth on the Final Plat of Creekside Estates recorded in Plat Cabinet 4, Slide 201, Garrard County Clerk's Office and to which is referred for a more particular description."

The current owner of the subject property is recorded as Lancaster – Garrard County Industrial Development Authority, Inc. whom obtained the property on December 28, 2010. The former owner is recorded as Mitchell Lamb and Connie Lamb whom obtained the subject property on October 13<sup>th</sup>, 2005. A deed search back to the 1940s indicates the subject property has been owned by various individuals. No indications of environmental concern were noted during a review of the deeds.

A copy of the most recent deed is provided in Attachment A.

# 2.2 Site and Vicinity General Characteristics

The subject property is surrounded by farmland on all sides. The immediate area consists of a mix of commercial and residential properties including farmland.

# 2.3 Current Use of the Subject Property

The subject property is used for growing crops.

# 2.4 Descriptions of Subject Property Structures and Improvements

The subject property consists of approximately 90 acres of farmland. No structures are located on the subject property. The subject property can be accessed via a dirt road.

Utilities are currently not provided for the subject property.

# 2.5 Current Use of Adjoining Properties

The subject property is adjoined as follows:

North: Farmland South: Farmland East: Farmland West: Farmland

No significant environmental concern to the subject property from these facilities was identified within the scope of this investigation. The historical use of these properties is discussed in Section 4.4.2.

#### 3.0 User Provided Information

# 3.1 User Questionnaire

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user should provide the following types of information (if available) to the environmental professional (see Attachment B). Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

The User Questionnaire was not completed by the party ordering this report. However, based on the information gathered during completion of the other components of this Phase I, the lack of information provided by the User is not considered an environmentally-significant *data gap*.

#### 3.2 Title Records

The User did not provide recorded land title records. In addition, Micah Group is not aware if the User has engaged a title company or title professional to undertake such a review.

# 3.3 Environmental Liens or Activity and Use Limitations

The User did not report environmental liens currently recorded against or relating to the property. In addition, the User did not report any activity or use limitations currently recorded against or relating to the property.

# 3.4 Specialized Knowledge

The User did not report any specialized knowledge or experience that is material to recognized environmental conditions in connection with the subject property.

# 3.5 Commonly Known or Reasonably Ascertainable Information

The User did not report any commonly known or reasonable ascertainable information within the local community about the property that is material to *recognized environmental conditions* in connection with the property.

#### 3.6 Valuation Reduction for Environmental Issues

The User must report a significantly lower purchase price that does not reasonably reflect fair market value of an uncontaminated property. The User did not report a lower purchase price.

# 3.7 Owner, Property Manager, and Occupant Information

The owner, property manager, and/or occupant did not provide information regarding the historic use of the subject property indicative of significant environmental concern.

# 3.8 Reason for Performing Phase I

According to ASTM E 1527-05, either the User shall make known to the environmental professional the reason why the User wants to have the Phase I Environmental Site Assessment performed or, if the User does not identify the purpose of the Phase I Environmental Site Assessment, the environmental professional shall assume the purpose is to qualify for the Landowner Liability Protections under the Brownfields Amendments.

The User did not identify the reason for conducting this phase I.

#### 4.0 Records Review

# 4.1 Standard Environmental Record Sources

A Regulatory Database Report for the site vicinity was obtained from Environmental Data Resources, Inc. (EDR). The database listings were reviewed based on minimum search distances as defined in ASTM E 1527-05. Criteria for being listed on each database and definitions of the databases, along with specific facility information are available within the EDR database provided in Attachment C.

The following information is noted in the database:

Database	ASTM Search Radius	Site	Adjoining	Within the Search Radius
NPL NPL	1 mile	N/A	N/A	0
Delisted NPL	I mile	N/A	N/A	0
CERCLIS	0.5 mile	N/A	N/A	0
NFRAP	0.5 mile	N/A	N/A	0
CORRACTS	1 mile	N/A	N/A	0
RCRA TSD	0.5 mile	N/A	N/A	0
RCRA Generator	0.25 mile	N/A	N/A	0
Federal IC/EC	0.5 mile	N/A	N/A	0
ERNS	Target Property	N/A	N/A	0
State/Tribal Sites	1 mile	N/A	N/A	0
SWL	0.5 mile	N/A	N/A	0
LUST	0.5 mile	N/A	N/A	0
UST	0.25 mile	N/A	N/A	0
IC/EC	Site	N/A	N/A	0
State/Tribal VCP	0.5 mile	N/A	N/A	0
Brownfield	0.5 mile	N/A	N/A	0

No State or Federal facilities within the search radii are noted in the database.

#### 4.2 Additional Environmental Record Sources

Additional environmental sources were not reviewed.

# 4.3 Physical Setting Source(s)

The subject property is shown on the United States Geological Survey (USGS) 7.5 Minute Series (Topographic) map of Lancaster, Kentucky (1984; Figure 1). The map shows the elevation of the subject property to be approximately 1000 feet above mean sea level. Topography at the subject property is rolling terrain.

#### 4.4 Historical Resources

The following standard historical sources were researched for completion of this report:

Record	Date/s	Source/Comments
Aerial Photographs	Current	Garrard County Property Valuation
		Administrator
	2008, 2006, 1998,	Environmental Data Resources, Inc.
	1990, 1988, 1983,	
	1975, 1960, and 1950	
Local City Directories	No coverage	Environmental Data Resources, Inc.
Sanborn Fire Insurance Maps	No coverage	Environmental Data Resources, Inc.
Property Tax Files/Property	Current	Garrard County Property Valuation
Cards		Administrator
Recorded Land Title Records	Current deed back to	Garrard County Clerk's Office
	1940s	•
USGS 7.5 Minute	1984	Msrmaps.com
Topographic Maps	1979, 1961, 1952, and	Environmental Data Resources, Inc.
	1905	,

# 4.4.1 Historical Use of Subject Property

Based on a review of historic aerial photographs, historic topographic maps, and interview, the subject property has been farmland since before 1905.

#### 4.4.2 Historical Use of Adjoining Properties

Based on a review of historic aerial photographs, historic topographic maps, and interview, the adjoining properties have been farmland since before 1905.

#### 4.5 Data Failure

ASTM E 1527-05 defines a data failure as a failure to achieve the historical research objectives of AAI even after reviewing the *standard historical sources* that are *reasonably ascertainable* and likely to be useful. Specifically, the historical research objectives include identifying all obvious uses of the property from the present, back to the property's first developed use, or back to 1940, whichever is earlier.

Usage of the subject property was identified back to 1905, at which time the subject property appears to be farmland. As such, a data failure was not encountered.

# 4.6 Data Gaps

ASTM E 1527-05 defines a data gap as a lack of or an inability to obtain information required by this practice despite *good faith* efforts by the *environmental professional* to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance, interviews, data failure, or lack of a User Questionnaire.

Data gaps were not encountered within the scope of this investigation.

# 4.7 Prior Environmental Reports

The User did not provide prior environmental reports and such reports were not obtained from other sources.

# 5.0 Information from Subject Property Reconnaissance

Mr. Trent D. Decker, a Micah Group Environmental Specialist, conducted a site reconnaissance on June 27, 2011. At the time of the site reconnaissance, the weather was cloudy and warm.

A site diagram is provided as Figure 3. Photographs taken during the reconnaissance are included in Attachment D.

# 5.1 Methodology and Limiting Conditions

Mr. Decker used a systematic approach to view the subject property. The subject property was inspected by traversing the area with a four wheel drive vehicle. Inspections were also conducted on foot in accessible areas.

The property boundaries and onsite sinkholes were overgrown with a vast amount of vegetative growth; thus limiting visual inspection. The property boundaries and sinkhole inspections were limited to an "exterior" view of the vegetative canopy where access was limited.

#### 5.2 Hazardous Substances and Petroleum Products

#### 5.2.1 Hazardous Substances and Petroleum Products in Connection with Identified Uses

Hazardous substances or petroleum products in connection with identified uses that constitute evidence of a recognized environmental condition (REC) were not observed at the subject property at the time of the site reconnaissance.

# 5.2.2 Hazardous Substances and Petroleum Products Not in Connection with Identified Uses

Hazardous substances or petroleum products not necessarily in connection with identified uses indicating a *REC* were not observed at the subject property at the time of the site reconnaissance. In addition, such items were not identified from interviews or records review.

# 5.3 Storage Tanks

# 5.3.1 Underground Storage Tanks (USTs)

Mr. David Land, Chairman with the Garrard County Economic Development Foundation, stated to the best of his knowledge, that the subject property does not contain USTs. In addition, the regulatory records review does not indicate the registration of USTs at the subject property and, evidence of vent pipes, fill pipes, or access ways indicating USTs was not discovered at the time

of the site reconnaissance. Within the scope of this investigation, evidence indicating the past presence or current use of USTs on the subject property was not discovered.

# 5.3.2 Aboveground Storage Tanks (ASTs)

Aboveground storage tanks were not observed at the subject property at the time of the site reconnaissance. In addition, no evidence of saddles, berms or secondary containment structures indicating the past presence of ASTs was observed at the time of the site reconnaissance.

#### 5.4 Odors

Strong, pungent, or noxious odors were not observed during the site reconnaissance. In addition, such odors were not identified from interviews or the records review.

# 5.5 Pools of Liquid

Standing surface water was not noted. A small pond is located at the north portion of the subject property. However, the pond was dry at the time of the site reconnaissance.

#### 5.6 Drums/Containers

Drums or smaller containers indicating a *REC* were not observed during the site reconnaissance. In addition, such containers were not identified from interviews or records review.

#### 5.7 Unidentified Substance Containers

Open or damaged containers housing unidentified substances suspected of being hazardous substances or petroleum products were not observed during the site reconnaissance. In addition, such containers were not identified from interviews or records review.

# 5.8 Polychlorinated Biphenyls (PCBs)

Transformers potentially containing PCBs were not observed at the subject property at the time of the site reconnaissance.

# 5.9 Heating/Cooling

Structures were not located at the subject property at the time of the site reconnaissance.

# 5.10 Stains or Corrosion (Interior)

Structures were not located at the subject property at the time of the site reconnaissance.

# 5.11 Drains or Sumps

Structures were not located at the subject property at the time of the site reconnaissance.

# 5.12 Pits, Ponds, or Lagoons

A small pond is located at the north portion of the subject property. The pond was dry at the time of the site reconnaissance.

#### 5.13 Stained Soil or Pavement

Areas of stained soil or pavement indicating a *REC* were not observed at the subject property at the time of the site reconnaissance. In addition, such staining was not identified from interviews or records review.

# 5.14 Stressed Vegetation

Stressed vegetation indicating a *REC* was not observed at the subject property at the time of the site reconnaissance. In addition, such vegetation was not identified from interviews or records review.

# 5.15 Solid Waste

Filled areas, graded areas, mounds, or depressions suggesting the on-site disposal of construction debris, demolition debris, or other solid waste disposal, were not observed at the subject property at the time of the site reconnaissance. However, approximately three or four piles of dirt were identified at the subject property at the time of the site reconnaissance. Evidence of construction debris, solid waste disposal, demolition debris, etc. was not observed in the dirt piles at the time of the site reconnaissance.

#### 5.16 Indications of Burial Activities

Indications of burial activities were not observed at the subject property at the time of the site reconnaissance. In addition, such activities were not identified from interviews or records review.

#### 5.17 Waste Water

Waste water or other liquid (excluding storm water) or any discharge into a drain, ditch, underground injection system, or stream on or adjacent to the property was not identified. In addition, such conditions were not identified from interviews or records review.

#### 5.18 Wells

Dry wells, irrigation wells, injection wells, abandoned wells, or other wells of significance were not observed at the subject property at the time of the site reconnaissance. In addition, such wells were not identified from interviews or records review.

# 5.19 Septic Systems

Indications of on-site septic systems or cesspools were not observed at the subject property at the time of the site reconnaissance. In addition, such systems were not identified from interviews or records review.

#### 5.20 Other Areas of Concern

Sinkholes were observed at the north, central, and east portions of the subject property. The sinkholes were overgrown with trees and thick vegetation. Visible signs of contamination were not observed in the sinkholes at the time of the site reconnaissance.

Mr. David Land, Chairman with the Garrard County Economic Development Foundation, indicated a neighboring gasoline station (Somerset Oil – located approximately 1,000 feet south of the subject property) was reported with a loss of product in this facility's underground storage tanks approximately five years ago. Mr. Land noted the reason for the reported loss was not found. Mr. Land also noted that soil and groundwater samples were collected at this property due to the reported loss of product. He noted that petroleum product was not found in the soil and groundwater samples. The reported loss of product from the south neighboring property is of minimal environmental concern due to the lack of petroleum product in the soil and groundwater at this facility and the distance from the subject property (approximately 1,000 feet).

# 5.21 Non-Scope Considerations

Non-scope considerations, as defined by ASTM E 1527-05, were not requested by the client.

#### 6.0 Interviews

#### 6.1 Interview with Owner

Mr. Nathan Mick, Economic Development Director with the Garrard County Economic Development Foundation, was contacted. Mr. Mick indicated the Garrard County Industrial Development Authority, Inc. has owned the subject property since January 2011. Mr. Mick indicated the Micah Group should contact Mr. David Land, Chairman with the Garrard County Economic Development Foundation and former Property Valuation Administrator.

# 6.2 Interview with Key Site Manager

Mr. David Land, Chairman with the Garrard County Economic Development Foundation, was interviewed as the *Key Site Manager*. Mr. Land indicated he has been familiar with the subject property for 40 years.

# 6.3 Interview with Occupants

Occupants were not interviewed as part of this assessment.

# 6.4 Interviews with Past Owners, Operators, or Occupants

Micah Group did not interview past owners, operators, or occupants.

# 6.5 Interviews with State and/or Local Government Officials

Micah Group attempted several times to contact the Garrard County Fire Department to discuss possible files for subject property to no avail.

# 6.6 Interviews with Neighboring or Nearby Property Owners or Occupants

According to ASTM E 1527-05, if the subject property is abandoned and there is evidence of potential unauthorized uses of the *abandoned property* or evidence of uncontrolled access to the *abandoned property*, an interview with one or more owners or occupants of neighboring or nearby properties must be conducted.

Because the subject property is not categorized as an *abandoned property*, interviews with owners or occupants of neighboring or nearby properties were not conducted.

# 6.7 Interviews with Others

Interviews with others were not conducted as part of this assessment.

# 7.0 Findings, Opinions, and Conclusions

# 7.1 Findings and Opinions

Micah Group has performed a Phase I ESA in conformance with the scope and limitation of ASTM Practice E 1527-05 of the subject property. This assessment has revealed no evidence of recognized environmental conditions or significant environmental concerns in connection with the subject property. However, the following items are worthy of special note:

- Approximately three or four large piles of dirt were observed at the subject property. The
  dirt piles appear to have originated from the newly graded access road (dirt). Visible signs of
  contamination were not observed in the dirt piles at the time of the site reconnaissance.
- Sinkholes were observed at the north, central, and east portions of the subject property.
   Visible signs of contamination were not observed in the sinkholes at the time of the site reconnaissance.
- Mr. David Land, Chairman with the Garrard County Economic Development Foundation, indicated a neighboring gasoline station (Somerset Oil located approximately 1,000 feet south of the subject property) was reported with a loss of product in this facility's underground storage tanks approximately five years ago. Mr. Land noted the reason for the reported loss was not found. Mr. Land also noted that soil and groundwater samples were collected at this property due to the reported loss of product. He noted that petroleum product was not found in the soil and/or groundwater samples. The reported loss of product from the south neighboring property is of minimal environmental concern due to the lack of petroleum product found in the soil and groundwater at this facility and the distance from the subject property (approximately 1,000 feet).

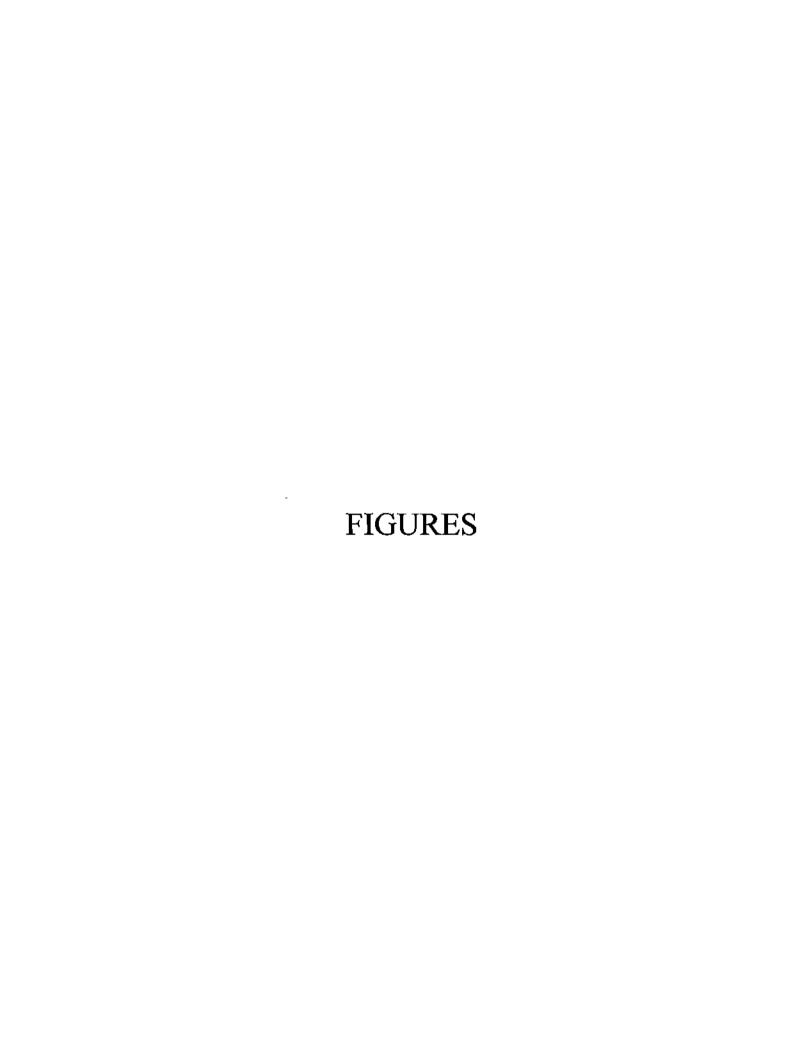
# 7.2 Conclusions

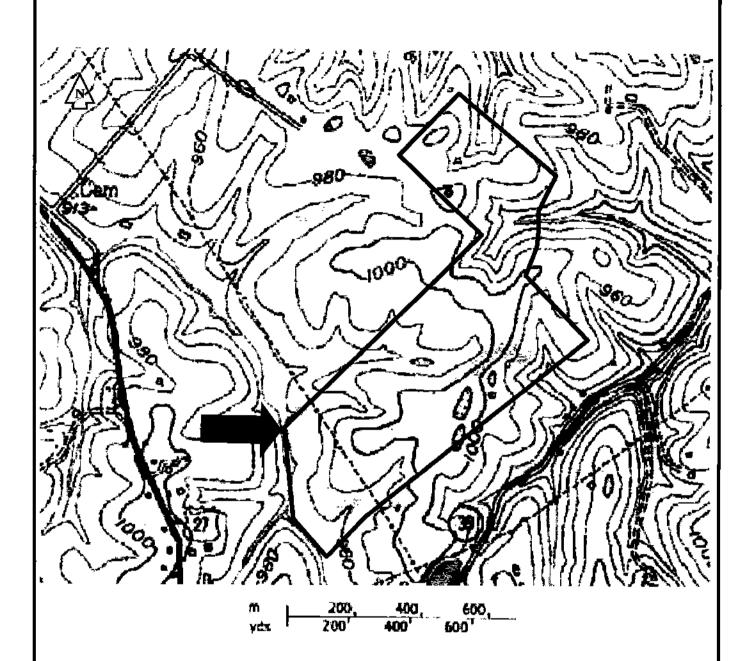
Micah Group has performed a Phase I Environmental Site Assessment in conformance with the scope of limitations of ASTM Practice E 1527-05 of an approximate 90- acre farm in Lancaster, Garrard County, Kentucky, the *property*. Any exceptions to, or deletions from, this practice are described in Section 1.0 or Appendix F of this report.

This assessment has not revealed evidence of recognized environmental conditions or significant environmental concerns in connection with the subject property.

# 8.0 Additional Services

Based on the findings of this investigation, Micah Group does not recommend additional environmental studies.





Note: Site location is approximate.

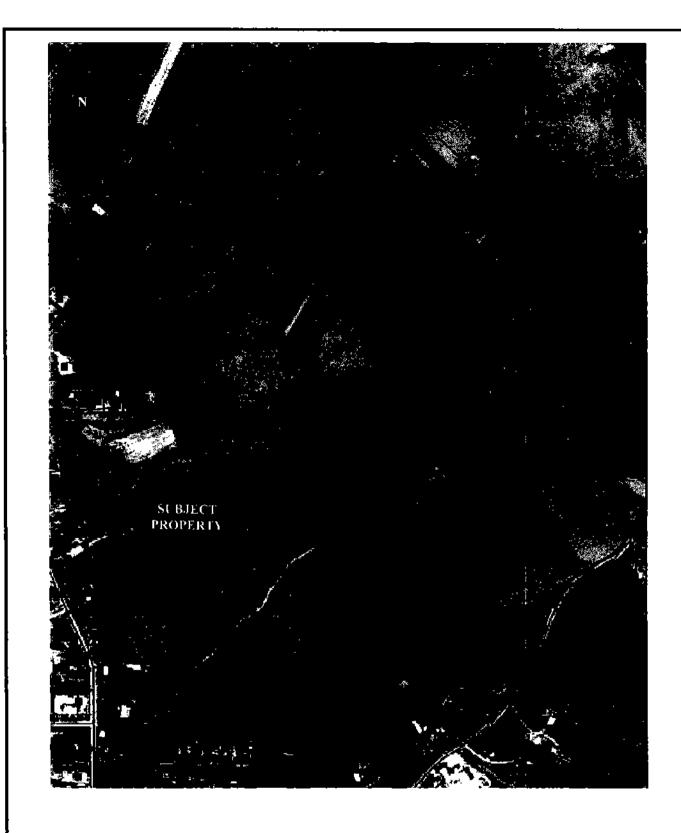




# TOPOGRAPHIC MAP

Section of USGS Buckeye Quadrangle 90 Acre Farm Buckeye Road Lancaster, Kentucky

FIGURE NUMBER:	1
SOURCE:	MSRmaps.com
PROJECT NUMBER:	421
SCALE:	As Shown







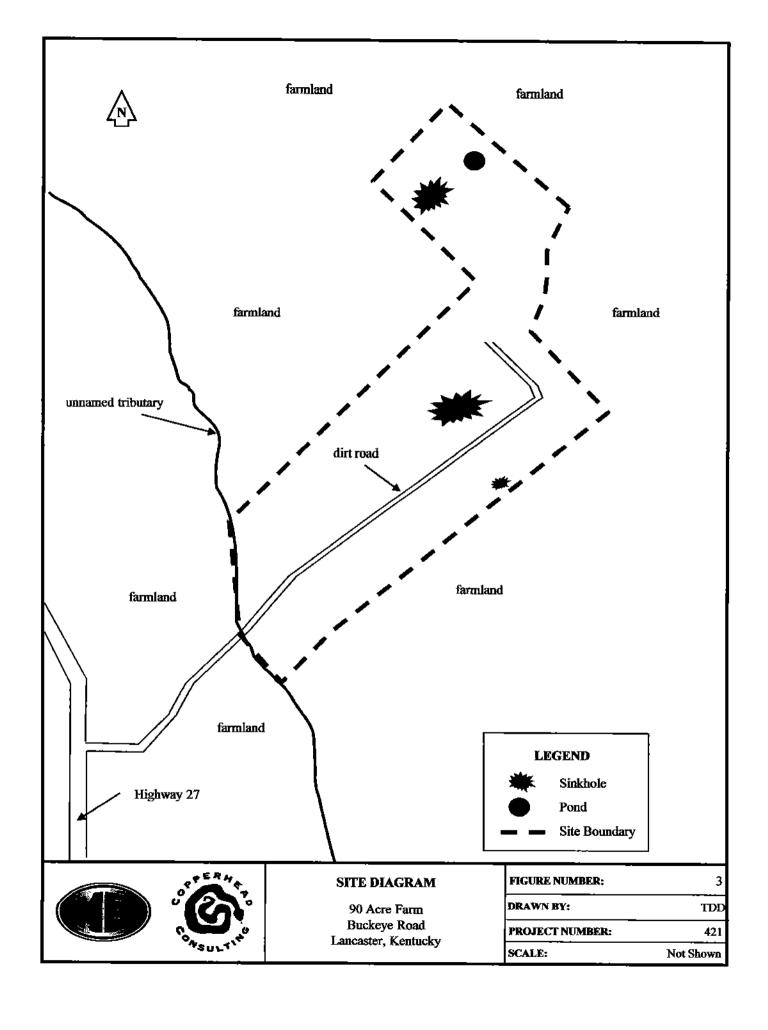
# AERIAL PHOTOGRAPH

90 Acre Farm Buckeye Road Lancaster, Kentucky

FIGURE NUMBER:	Z
SOURCE:	Garrard County PV
PROJECT NUMBER:	421

Not Shown

SCALE:



# ATTACHMENT A Property Deed

# BEEB.

This Deed of conveyance entered into this 29th day of December 2010, by and between MITCHELL LAMB and CONNIE LAMB, husband and wife, of P. O. Box 64, Paint Lick, Kentucky 40461, parties of the first part; and, LANCASTER – GARRARD COUNTY INDUSTRIAL DEVELOPMENT AUTHORITY, INC., a Kentucky Non-profit Corporation, with a registered principal office address of P. O. Box 491, Lancaster, Kentucky 40444, party of the second part. The property tax bill for the current year may be sent to second party at the address give.

WITNESSETH: That for and in consideration of the sum of ONE HUNDRED SEVENTY-THREE THOUSAND, THREE HUNDRED FORTY DOLLARS (\$173,340.00) cash in hand paid, the receipt and sufficiency of which is hereby acknowledged, the parties of the first part have bargained and sold and do hereby sell and convey unto the party of the second part, its successors and/or assigns in interest, in fee simple, the following described tract of real property, lying and situated in Garrard, Kentucky, and more particularly described as follows, to-wit:

Being all of Lots 9 through and including 44 and Lots 56 through and including 76 as set forth on the Final Plat of Creekside Estates recorded in Plat Cabinet 4, Slide 201, Garrard County Clerk's Office and to which is referred for a more particular description.

Being a portion of the same property conveyed to Mitchell Lamb and Connie Lamb by deed dated the 13th day of October, 2005, and of record in Deed Book 234, Page 914, Garrard County Clerk's Office.

The foregoing real estate is conveyed subject to all restrictive covenants, easements and reservations, if any, previously imposed and appearing of record.

TO HAVE AND TO HOLD the above described tract of real property with all of the appurtenances thereunto belonging, unto the party of the second part, its successors and/or assigns in interest, in fee simple, with the covenants of General Warranty.

# CERTIFICATE OF CONSIDERATION

The parties hereto certify that the consideration stated here in the full consideration paid for the property, and, pursuant to KRS Chapter 382, the full estimated fair cash value of the property herein conveyed

is \$173,340.00. We understand that falsification of the stated full estimated value is a Class D Felony, subject to one to five years imprisonment and fines up to \$10,000.00.

The party of the second part is signing this Deed solely for the purpose of certifying the consideration. IN TESTIMONY WHEREOF, the said parties of the first part have hereunto subscribed their names the

day and year first above written. PARTIES OF THE FIRST PART: PARTIES OF THE SECOND PART LANCASTER - GARRARD COUNTY INDUSTRIAL DEVELOPMENT AUTHORITY, INC. BY: ACKNOWLEDGMENT I, the undersigned, a NOTARY PUBLIC, of the County and State aforesaid, do certify that the foregoing Deed and Certificate of Consideration was this 28 day of DECEMBER. 2010. produced to me, and duly acknowledged before me, in said County and State by MITCHELL LAMB and CONNIE LAMB, parties of the first part, to be their free act and deed. My commission expires on the Gday of MARCH COMMONWEALTH OF KENTUCKY

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STATE OF KENTUCKY COUNTY OF GARRARD

# ATTACHMENT B User Questionnaire

Project: 421	<u> </u>		<u> </u>
User Questionnaire	-		······································
Subject Property Address			
USER Name and Title			
User Company			
Company Address			
City, State, Zip			
Ouestion	Yes	No	Please Explain
Are you aware of any prior environmental work performed at	263	140	1 tease 12cptotti
the property (if yes, please provide a copy to EI).			
1. Are you aware of any environmental cleanup liens against the			
subject property that are filed or recorded under Federal, tribal,			
state, or local law?	-	j	
2. Are you aware of any Activity and Use Limitations (AULs), such			
as engineering controls, land use restrictions or institutional controls	_	_	1
that are in place at the subject property and/or have been filed or			
recorded in a registry under federal, tribal, state, or local law?			
3. ASTM E 1527-05, Section 6.2, suggests that the User engage a			
title professional to undertake a review of recorded land title			
records and lien records for environmental liens or AULs currently			
recorded against the property. El recommends that the User or the			
User's customer secure a title review that addresses these			
requirements and avoid duplication of efforts.			
·			
Will this be provided to EI?			
Failure to provide this information might result in the Phase I			
report denoting this lack of information as environmentally			
significant.			
If you would like EI to secure this information for you, please call			
our office as soon as possible.			
4. Do you have any specialized knowledge or experience material	¦ !		
to environmental conditions at the subject property or nearby			
properties? For example, are you involved in the same line of			
business as the current or former occupants of the subject property	-	. –	
such that you would have specialized knowledge of the chemicals			
and processes used by this type of business?	ļ. —		<u> </u>
5a. Does the purchase price being paid for this property reasonably			
reflect the fair market value of the subject property?	a. 🗆	a.□	
5b. If you conclude that there is a difference, have you considered	b. [	b⊟	1
whether the lower purchase price is because contamination if			
known or believed to be present at the subject property?  6. Are you aware of commonly known or reasonably ascertainable	-		<del>                                     </del>
information about the subject property that would help to identify			
conditions indicative of releases or threatened releases of			
contaminants? For example:			
a. Do you know the past uses of the subject property?	a.□	a.□	1
b. Do you know of specific chemicals that are present or once were	b.□	a. 🗆 b. 🗀	
present at the subject property?	d.□	c.□ d.□	1
c. Do you know of spills or other chemical releases that have taken	".⊔	ا ۵۰۵	!
place at the subject property?			
d. Do you know of any environmental cleanups that have taken			
place at the subject property?			
7. Based on your knowledge and experience related to the subject			_
property, are there any obvious indicators that point to the presence			
or likely presence of contamination at the subject property?			

-	
State reason for Phase I:	
	Date

# ATTACHMENT C EDR Report

# Farm Property 600 Buckeye Roa

600 Buckeye Road Lancaster, KY 40444

Inquiry Number: 3106630.2s

June 24, 2011





440 Wheelers Farms Road Milford, CT 06461 Toll Free: 800.352.0050 www.edmet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050 with any questions or comments.

#### Disclaimer - Copyright and Trademark Notice

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#### **EXECUTIVE SUMMARY**

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

#### TARGET PROPERTY INFORMATION

#### **ADDRESS**

600 BUCKEYE ROAD LANCASTER, KY 40444

#### **COORDINATES**

Latitude (North): Longitude (West): 37.631200 - 37° 37° 52.3° 84.571700 - 84° 34° 18.1°

Universal Tranverse Mercator: Zone 16

Zone 16 714283.3

UTM X (Meters): UTM Y (Meters):

4167466.0

Elevation: 1001 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:

37084-F5 BUCKEYE, KY

Most Recent Revision:

1952

South Map:

37084-E5 LANCASTER, KY

Most Recent Revision:

1979

#### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Portions of Photo from:

2006, 2008

Source:

USDÁ

#### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

#### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable") government records either on the target property or within the search radius around the target property for the following databases:

# STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

#### **EXECUTIVE SUMMARY**

Proposed NPL..... Proposed National Priority List Sites NPL LIENS\_\_\_\_\_\_ Federal Superfund Liens Federal Delisted NPL site list Delisted NPL National Priority List Deletions Federal CERCLIS list Federal CERCLIS NFRAP site List CERC-NFRAP...... CERCLIS No Further Remedial Action Planned Federal RCRA CORRACTS facilities list CORRACTS...... Corrective Action Report Federal RCRA non-CORRACTS TSD facilities list RCRA-TSDF......RCRA - Treatment, Storage and Disposal Federal RCRA generators list RCRA-LQG...... RCRA - Large Quantity Generators RCRA-SQG RCRA - Small Quantity Generators RCRA-CESQG\_\_\_\_\_\_RCRA - Conditionally Exempt Small Quantity Generator Federal institutional controls / engineering controls registries US ENG CONTROLS...... Engineering Controls Sites List US INST CONTROL...... Sites with Institutional Controls Federal ERNS list ERNS..... Emergency Response Notification System State- and tribal - equivalent CERCLIS SHWS..... State Leads List State and tribal landfill and/or solid waste disposal site lists SWF/LF...... Solid Waste Facilities List State and tribal leaking storage tank lists SB193..... SB193 Branch Site Inventory List PSTEAF......Facility Ranking List
INDIAN LUST.....Leaking Underground Storage Tanks on Indian Land State and tribal registered storage tank lists UST\_\_\_\_\_ Underground Storage Tank Database

## EXECUTIVE SUMMARY

INDIAN UST...... Underground Storage Tanks on Indian Land FEMA UST...... Underground Storage Tank Listing

### State and tribal institutional control / engineering control registries

ENG CONTROLS..... Engineering Controls Site Listing INST CONTROL...... State Superfund Database

### State and tribal voluntary cleanup sites

VCP...... Voluntary Cleanup Program Sites 

#### State and tribal Brownfields sites

BROWNFIELDS...... Kentucky Brownfield Inventory

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

US BROWNFIELDS...... A Listing of Brownfields Sites

### Local Lists of Landfill / Solid Waste Disposal Sites

..... Open Dump Inventory

DEBRIS REGION 9...... Torres Martinez Reservation Illegal Dump Site Locations

SWRCY..... Recycling Facilities

HIST LF..... Historical Landfills

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands

### Local Lists of Hazardous waste / Contaminated Sites

US CDL...... Clandestine Drug Labs

...... Clandestine Drub Lab Location Listing US HIST CDL...... National Clandestine Laboratory Register

#### Local Land Records

LIENS 2..... CERCLA Lien Information

LUCIS.....Land Use Control Information System

#### Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS State spills

### Other Ascertainable Records

RCRA-NonGen\_\_\_\_\_RCRA - Non Generators DOT OPS...... Incident and Accident Data DOD...... Department of Defense Sites FUDS..... Formerly Used Defense Sites

CONSENT......Superfund (CERCLA) Consent Decrees

## **EXECUTIVE SUMMARY**

ROD...... Records Of Decision UMTRA...... Uranium Mill Tailings Sites MINES..... Mines Master Index File TRIS...... Toxic Chemical Release Inventory System TSCA..... Toxic Substances Control Act Act)/TSCA (Toxic Substances Control Act) HIST FTTS......FIFRA/TSCA Tracking System Administrative Case Listing SSTS...... Section 7 Tracking Systems ICIS....... Integrated Compliance Information System MLTS...... Material Licensing Tracking System RADINFO...... Radiation Information Database FINDS...... Facility Index System/Facility Registry System DRYCLEANERS...... Drycleaner Listing NPDES..... Permitted Facility Listing AIRS..... Permitted Airs Facility Listing LEAD..... Environmental Lead Program Report Tracking Database INDIAN RESERV..... Indian Reservations SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing COAL ASH EPA...... Coal Combustion Residues Surface Impoundments List FINANCIAL ASSURANCE... Financial Assurance Information Listing COAL ASH DOE...... Sleam-Electric Plan Operation Data COAL ASH..... Coal Ash Disposal Sites PCB TRANSFORMER...... PCB Transformer Registration Database

#### **EDR PROPRIETARY RECORDS**

### EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

Unmappable (orphan) sites are not considered in the foregoing analysis.

## **EXECUTIVE SUMMARY**

Due to poor or inadequate address information, the following sites were not mapped. Count: 15 records.

HENRY A SENN
JOE ADAMS ESTATE
LANCASTER RESERVOIR
MILLS GARBAGE SERVICE
C&M DISPOSAL & RECYCLING INC
LANCASTER WWTP
GARRARD CO CONVENIENCE CENTER
RICHIE'S TIRE DISPOSAL LLC
LISTER SERVICE STATION
PAINT LICK ELEMENTARY
REDWOOD SERVICE STATION
MP 445.10 GARRARD COUNTY
CAMP NELSON PROPERTY
CORRELL PROPERTY FILL AREA
CORRELL PROPERTY FILL AREA

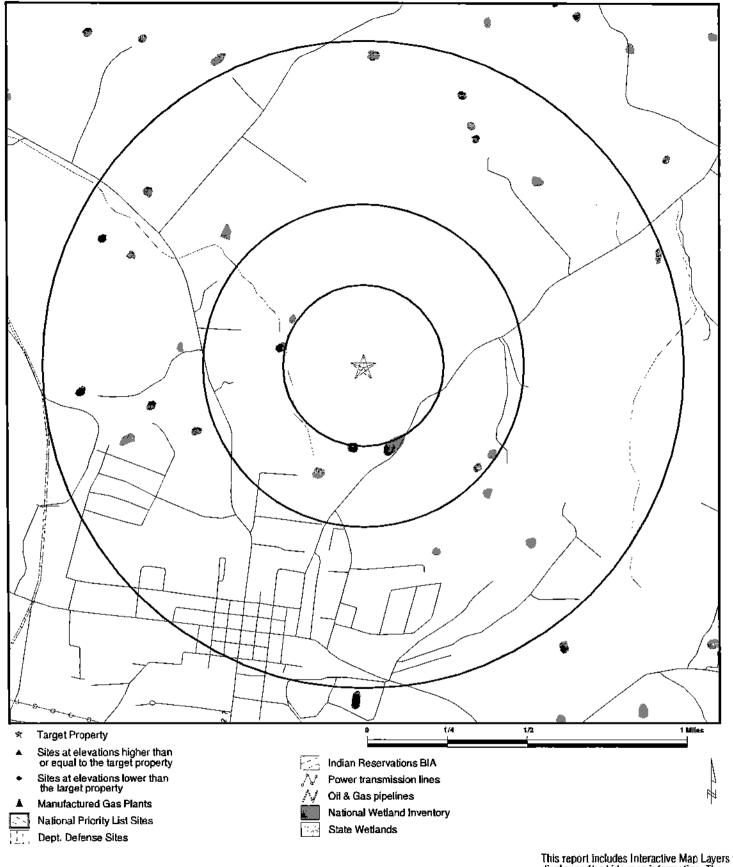
### Database(s)

FIND\$

**NPDES** 

SWF/LF, HIST LF
SHWS
SHWS
SWF/LF
SWF/LF
SWF/LF
SWF/LF, FINANCIAL ASSURANCE
SWF/LF
UST
UST
UST
RCRA-SQG, FINDS
RCRA-NonGen, FINDS

## **OVERVIEW MAP - 3106630.2s**



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

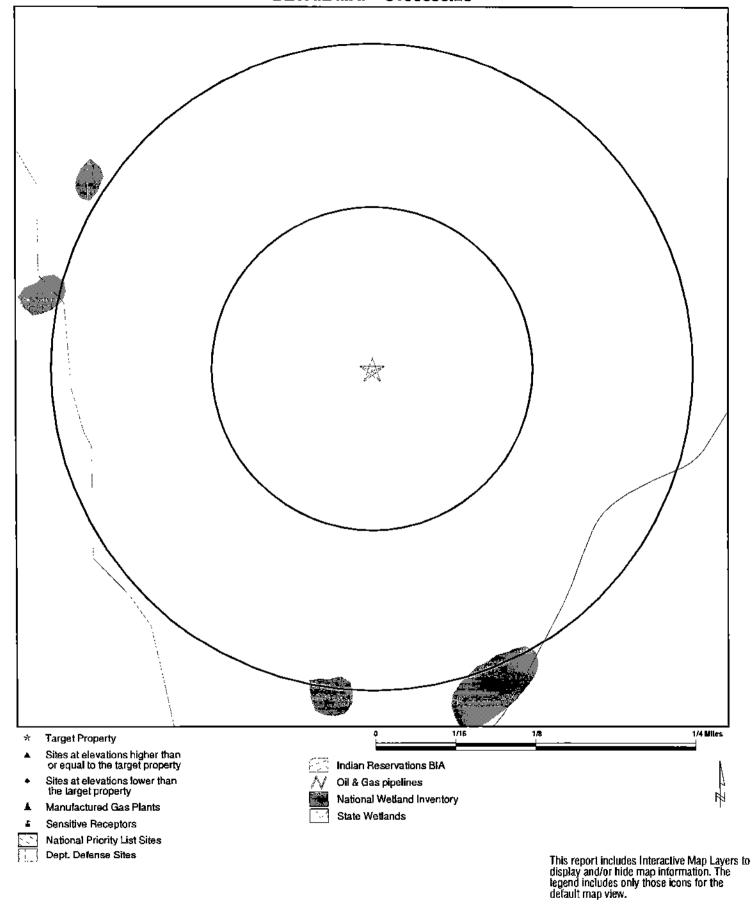
SITE NAME: Farm Property

ADDRESS: 600 Buckeye Road
Lancaster KY 40444

LAT/LONG: 37.6312 / 84.5717

CLIENT: Micah Group, LLC
CONTACT: Bill Brab
INQUIRY #: 3106630.2s
DATE: June 24, 2011 5:29 pm

## **DETAIL MAP - 3106630.2s**



SITE NAME: Farm Property
ADDRESS: 600 Buckeye Road
Lancaster KY 40444

37.6312 / 84.5717

LAT/LONG:

CLIENT: Micah Group, LLC CONTACT: Bill Brab INQUIRY#: 3106630.2s DATE: June 24, 2011 5:30 pm

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	<u>1/2 - 1</u>	<u>&gt; 1</u>	Total Plotted
STANDARD ENVIRONMENT	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS		1.000 1.000 TP	0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL sit	te list							
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS FEDERAL FACILITY		0.500 1.000	0 0	0 0	0 0	NR 0	NR NR	0 0
Federal CERCLIS NFRA	P site List							
CERC-NFRAP		0.500	0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD f	acilities list						
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-CESQG		0.250 0.250 0.250	0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Federal institutional cor engineering controls re								
US ENG CONTROLS US INST CONTROL		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equiv	alent CERCLIS							
SHWS		1.000	0	0	0	0	NR	0
State and tribal landfill a solld waste disposal sit								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking	storage tank l	lists						
SB193 PSTEAF INDIAN LUST		0.500 0.500 0.500	0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
State and tribal register	ed storage tal		_	-	-			-
UST	•	0.250	0	0	NR	NR	NR	0

## **MAP FINDINGS SUMMARY**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	<u>&gt; 1</u>	Total Plotted
INDIAN UST FEMA UST		0.250 0.250	0	0 0	NR NR	NR NR	NR NR	0 0
State and tribal institution control / engineering co		es						
ENG CONTROLS INST CONTROL		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal voluntar	y cleanup site	es						
VCP INDIAN VCP		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfi	elds sites							
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONME	NTAL RECORD	<u>s</u>						
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Waste Disposal Sites	Solid							
ODI DEBRIS REGION 9 SWRCY HIST LF INDIAN ODI		0.500 0.500 0.500 0.500 0.500	0 0 0 0	0 0 0 0	0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0
Local Lists of Hazardou Contaminated Sites	s waste /							
US CDL CDL US HIST CDL		<b>TP</b> <b>TP</b> TP	NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0
Local Land Records								
LIENS 2 LUCIS		TP 0.500	NR 0	NR 0	NR 0	NR NR	NR NR	0 0
Records of Emergency	Release Repo							
HMIRS SPILLS		TP TP	NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Other Ascertainable Re	cords							
RCRA-NonGen DOT OPS DOD FUDS CONSENT ROD UMTRA		0.250 TP 1.000 1.000 1.000 1.000 0.500	0 NR 0 0 0	0 NR 0 0 0 0	NR NR 0 0 0	NR NR 0 0 0 NR	NR NR NR NR NR NR	0 0 0 0 0

# **MAP FINDINGS SUMMARY**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	<u>1/2 - 1</u>	> 1	Total Plotted
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NŘ	NR	NR	NR	ŏ
TSCA		TP	NR	NR	NR	NR	NR	Ŏ
FITS		TP	NR	NR	NR	NR	NR	Ō
HIST FTTS		TΡ	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	Ó
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		ΤP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES		ŦΡ	NR	· NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
LEAD		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECOR	<u>IDS</u>							
EDR Proprietary Records	;							
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

## NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID Direction	•	MAP FINDINGS		
Distance				EDR ID Number
Elevation	Site		Database(s)	EPA ID Number

NO SITES FOUND

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Count: 15 records.

ži O	EDR ID	Site Name	Sile Address	Zip Databese(s)
				'
83 10810	8407602753	MILLS GARBAGE SERVICE	CMILLS RD	40444 SWF/LF
, AND ASTER	101000100		US 27	40444 FINDS
LANCASIER	0010007101		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	40444 NPDES
LANCASTER	S110777578	CORRECT PROPERTY FILL AREA	03.57.71.01	
LANCASTER	S106884908	S106884908 JOE ADAMS ESTATE	KY 52	"
LANICACTED	1,001183824	JOH 1183824 LISTER SERVICE STATION	HWY 52	40444 UST
	007701070	CALCACTURE OF THE CONTROL OF THE CALCACTURE OF T	93 RRYANTSVILLE RD	40444 SWF/LF
CANCASTER	2110764160	こので ひとし ひとし ひとし ひとし からし こうじゅう		•
LANCASTER	\$107602618	S107602618 LANCASTER WWTP	W BUFORD ST	•
OUT-SACION -	S107802305	CARRARD CO CONVENIENCE CENTER	HANGING FORK RD	40444 SWF/LF, FINANCIAL ASSURANCE
CANCAGIEN	2007010		ON WALKINGTO DEFINICIONAL SO	40444 RCRA-SOG FINDS
LANCASTER	1000518359	MP 445.10 GARKARD COUNTY		
LANCASTER	1000908230	CAMP NELSON PROPERTY	OLD HIGHWAY 27	_
ANCASTER	\$108540218	RICHIE'S TIRE DISPOSAL LLC	152 RAIL WAY	40444 SWF/LF
ANCASTED ANCASTED	110030000001		6975 STATE HIGHWAY 52	40444 UST
בשופעסונים	20000000			40444 SHIMS
LANCASTER	S106884903	S106884903 LANCASTER RESERVOIR	USHY 27 & PUMP HOUSE RD	•
LANCASTER	S104905026	HENRY A SENN	USHY 27	40444 SWF/LF, HIST LF
LANCASTER	U003415965	REDWOOD SERVICE STATION	S USHY 27 STANFORD RD	40444 UST

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

#### STANDARD ENVIRONMENTAL RECORDS

#### Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/31/2011 Date Data Arrived at EDR: 04/13/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 62

Source: EPA Telephone: N/A

Last EDR Contact: 04/13/2011

Next Scheduled EDR Contact: 07/25/2011 Data Release Frequency: Quarterly

**NPL Site Boundaries** 

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

**EPA Region 1** 

Telephone 617-918-1143

**EPA Region 3** 

Telephone 215-814-5418

EPA Region 4

Telephone 404-562-8033

**EPA Region 5** 

Telephone 312-886-6686

**EPA Region 10** 

Telephone 206-553-8665

EPA Region 6 Telephone: 214-655-6659

EPA Region 7

Telephone: 913-551-7247

**EPA Region 8** 

Telephone: 303-312-6774

**EPA Region 9** 

Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/31/2011 Date Data Arrived at EDR: 04/13/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 62

Source: EPA Telephone: N/A

Last EDR Conlact: 04/13/2011

Next Scheduled EDR Contact: 07/25/2011 Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA

Telephone: 202-564-4267 Last EDR Conlact: 05/16/2011

Next Scheduled EDR Contact: 08/29/2011 Data Release Frequency: No Update Planned

#### Federal Delisted NPL site list

**DELISTED NPL: National Priority List Deletions** 

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Source: EPA

Date of Government Version: 03/31/2011 Date Data Arrived at EDR: 04/13/2011 Date Made Active in Reports: 06/14/2011 Number of Days to Update: 62

Telephone: N/A

Last EDR Contact: 04/13/2011

Next Scheduled EDR Contact: 07/25/2011 Dala Release Frequency: Quarterly

#### Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/25/2011 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Source: EPA Telephone: 703-412-9810 Last EDR Contact: 06/14/2011

Next Scheduled EDR Contact: 09/12/2011 Data Release Frequency: Quarterly

Number of Days to Update: 62

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPAa??s Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010 Date Data Arrived at EDR: 01/11/2011 Date Made Active in Reports: 02/16/2011 Number of Days to Update: 36

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 04/15/2011

Next Scheduled EDR Contact: 07/25/2011 Dala Release Frequency: Varies

#### Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/25/2011 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011 Number of Days to Update: 62

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 06/14/2011

Next Scheduled EDR Contact: 09/12/2011 Data Release Frequency: Quarterly

### Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/09/2011 Date Data Arrived at EDR: 03/15/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 91

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 05/16/2011

Next Scheduled EDR Contact: 08/29/2011 Data Release Frequency: Quarterly

#### Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/11/2011 Date Data Arrived at EDR: 04/05/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 04/05/2011

Next Scheduled EDR Contact: 07/18/2011 Data Release Frequency: Quarterly

### Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generale, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2011 Date Data Arrived at EDR: 04/05/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 04/05/2011

Next Scheduled EDR Contact: 07/18/2011 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/11/2011 Date Data Arrived at EDR: 04/05/2011 Date Made Active in Reports: 05/02/2011 Number of Days to Update: 27

Source: Environmental Protection Agency Telephone: (404) 562-8651 Last EDR Contact: 04/05/2011 Next Scheduled EDR Contact: 07/18/2011

Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generalors

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, slore, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2011 Date Data Arrived at EDR: 04/05/2011 Date Made Active in Reports: 05/02/2011 Number of Days to Update: 27

Source: Environmental Protection Agency Telephone: (404) 562-8651 Last EDR Contact: 04/05/2011

Next Scheduled EDR Contact: 07/18/2011

Data Release Frequency: Varies

#### Federal institutional controls / engineering controls registries

#### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create palhway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/16/2011 Date Data Arrived at EDR: 03/25/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 81

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 06/13/2011

Next Scheduled EDR Contact: 09/26/2011 Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/16/2011 Date Data Arrived at EDR: 03/25/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 81

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 06/13/2011

Next Scheduled EDR Contact: 09/26/2011 Data Release Frequency: Varies

### Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 04/05/2011 Date Data Arrived at EDR: 04/05/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 70

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 04/05/2011

Next Scheduled EDR Contact: 07/18/2011 Data Release Frequency: Annually

#### State- and tribal - equivalent CERCLIS

SHWS: State Leads List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 03/31/2011 Date Data Arrived at EDR: 03/31/2011 Date Made Active in Reports: 05/05/2011

Number of Days to Update: 35

Source: Department of Environmental Protection

Telephone: 502-564-6716 Last EDR Contact: 03/07/2011

Next Scheduled EDR Contact: 06/20/2011 Data Release Frequency: Quarterly

#### State and tribal landfill and/or solid waste disposal site lists

### SWF/LF: Solid Waste Facilities List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/11/2011 Date Data Arrived at EDR: 03/11/2011 Date Made Active in Reports: 04/07/2011

Number of Days to Update: 27

Source: Department of Environmental Protection

Telephone: 502-564-6716 Last EDR Contact: 05/09/2011

Next Scheduled EDR Contact: 08/22/2011 Data Release Frequency: Semi-Annually

#### State and tribal leaking storage tank lists

SB193: SB193 Branch Site Inventory List

The inventory indicates facilities that have performed permanent closure activities at a regulated underground storage tank facility and have known soil and/or groundwater contamination.

Date of Government Version: 09/05/2006 Date Data Arrived at EDR: 09/13/2006 Date Made Active in Reports: 10/18/2006

Number of Days to Update: 35

Source: Department of Environmental Protection

Telephone: 502-564-5981 Last EDR Contact: 04/18/2011

Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: No Update Planned

PSTEAF: Facility Ranking List

The Underground Storage Tank Branch (USTB) has ranked all PSTEAF reimbursable facilities requiring corrective action, in accordance with 401 KAR 42:290. Directive letters will be issued on the basis of facility ranking and available PSTEAF funding in sequential order as ranked. For example, Rank 2 facilities will be issued directives before Rank 3 facilities.

Date of Government Version: 04/06/2011 Date Data Arrived at EDR: 04/19/2011 Date Made Active in Reports: 05/09/2011 Number of Days to Update: 20 Source: Department of Environmental Protection Telephone: 502-564-5981

Last EDR Contact: 04/19/2011 Next Scheduled EDR Contact: 08/01/2011 Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 05/20/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 25

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/03/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/04/2009 Date Data Arrived at EDR: 05/04/2010 Date Made Active in Reports: 07/07/2010

Number of Days to Update: 64

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/04/2010

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/31/2011 Date Data Arrived at EDR: 02/01/2011 Date Made Active in Reports: 03/21/2011 Number of Days to Update: 48 Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 03/03/2011 Date Data Arrived at EDR: 03/18/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 45

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/10/2011 Date Data Arrived at EDR: 05/11/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 34

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/16/2011 Date Data Arrived at EDR: 05/17/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 28

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/17/2011 Date Data Arrived at EDR: 05/19/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 26

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Quarterly

#### State and tribal registered storage tank lists

UST: Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 02/04/2011 Date Data Arrived at EDR: 03/08/2011 Date Made Active in Reports: 03/29/2011

Number of Days to Update: 21

Source: Department of Environmental Protection

Telephone: 502-564-5981 Last EDR Contact: 06/08/2011

Next Scheduled EDR Contact: 09/19/2011 Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/18/2011 Date Data Arrived at EDR: 05/26/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 19

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/16/2011 Date Data Arrived at EDR: 05/17/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 28

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Quarterly

#### INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 05/04/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 41

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/03/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 03/03/2011 Date Data Arrived at EDR: 03/18/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 45

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 01/01/2011 Date Data Arrived at EDR: 02/23/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 68

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011 Date Data Arrived at EDR: 05/11/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 34

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2011 Date Data Arrived at EDR: 06/01/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 13

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 02/03/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/17/2011 Date Data Arrived at EDR: 05/19/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 26

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010 Date Data Arrived at EDR: 02/16/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 04/18/2011

Next Scheduled EDR Contact: 08/01/2011 Data Release Frequency: Varies

#### State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site Listing A listing of sites that use engineering controls.

> Date of Government Version: 03/31/2011 Date Data Arrived at EDR: 03/31/2011 Date Made Active in Reports: 05/05/2011

Number of Days to Update: 35

Source: Department of Environmental Protection

Telephone: 502-564-6716 Last EDR Contact: 06/06/2011

Next Scheduled EDR Contact: 09/19/2011 Data Release Frequency: Varies

INST CONTROL: State Superfund Dalabase

A list of closed sites in the State Superfund Database. Institutional controls would be in place at any site that uses Contained or Managed as a Closure Option.

Date of Government Version: 03/31/2011 Date Data Arrived at EDR: 03/31/2011 Date Made Active in Reports: 05/05/2011 Number of Days to Update: 35

Source: Department of Environmental Protection Telephone: 502-564-6716

Last EDR Contact: 06/06/2011

Next Scheduled EDR Contact: 09/19/2011 Data Release Frequency: Varies

#### State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Sites

Sites that have been accepted into the Voluntary Cleanup Program or have submitted an application.

Date of Government Version: 03/31/2011 Date Data Arrived at EDR: 03/31/2011 Date Made Active in Reports: 05/05/2011

Number of Days to Update: 35

Source: Department of Environmental Protection

Telephone: 502-564-6716 Last EDR Contact: 06/06/2011

Next Scheduled EDR Contact: 09/19/2011 Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisiting

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 02/25/2011 Date Data Arrived at EDR: 04/05/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 70

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 04/05/2011

Next Scheduled EDR Contact: 07/18/2011 Data Release Frequency: Varies

#### State and tribal Brownfields sites

**BROWNFIELDS: Kentucky Brownfield Inventory** 

The Kentucky Brownfield Program has created an inventory of brownfield sites in order to market the properties to those interested in brownfield redevelopment. The Kentucky Brownfield Program is working to promote the redevelopment of these sites by helping to remove barriers that prevent reuse, providing useful information to communities, developers and the public and encouraging a climate that fosters redevelopment of contaminated sites.

Date of Government Version: 02/02/2011 Date Data Arrived at EDR: 02/18/2011 Date Made Active in Reports: 03/15/2011

Number of Days to Update: 25

Source: Division of Compliance Assistance

Telephone: 502-564-0323 Last EDR Contact: 04/25/2011

Next Scheduled EDR Contact: 08/08/2011 Data Release Frequency: Varies

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

#### US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities—especially those without EPA Brownfields Assessment Demonstration Pilots-minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 03/29/2011 Date Data Arrived at EDR: 03/29/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 03/29/2011

Next Scheduled EDR Contact: 07/11/2011 Data Release Frequency: Semi-Annually

#### Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Sublille D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004 Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Conlact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Conlact: 03/28/2011

Next Scheduled EDR Contact: 07/11/2011 Data Release Frequency: No Update Planned

SWRCY: Recycling Facilities

A listing of recycling facilities located in the state of Kentucky.

Date of Government Version: 10/26/2010 Date Data Arrived at EDR: 11/04/2010 Date Made Active in Reports: 01/11/2011

Number of Days to Update: 68

Source: Department of Environmental Protection

Telephone: 502-564-6716 Last EDR Contact: 04/29/2011

Next Scheduled EDR Contact: 08/08/2011 Data Release Frequency: Varies

HIST LF: Historical Landfills

This solid waste facility listing contains detail information that is not included in the landfill listing. A listing with detail information is no longer available by the Department of Environmental Protection.

Date of Government Version: 05/01/2003 Date Data Arrived at EDR: 03/30/2006 Date Made Active in Reports: 05/01/2006

Number of Days to Update: 32

Source: Department of Environmental Protection

Telephone: 502-564-6716 Last EDR Contact: 02/23/2009

Next Scheduled EDR Contact: 05/25/2009

Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 05/09/2011

Next Scheduled EDR Contact: 08/22/2011 Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug tab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where taw enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/02/2011 Date Data Arrived at EDR: 03/17/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 46

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Conlact: 06/07/2011

Next Scheduled EDR Contact: 09/19/2011 Data Release Frequency: Quarterly

CDL: Clandesline Drub Lab Location Listing Clandestine drug lab site locations.

Date of Government Version: 03/31/2011
Date Data Arrived at EDR: 03/31/2011
Date Made Active in Reports: 05/05/2011

Number of Days to Update: 35

Source: Department of Environmental Protection

Telephone: 502-564-6716 Last EDR Contact: 06/06/2011

Next Scheduled EDR Contact: 09/19/2011

Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007 Date Data Arrived at EDR: 11/19/2008 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009

Data Release Frequency: No Update Planned

#### Local Land Records

#### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/01/2011 Date Data Arrived at EDR: 02/04/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Varies

#### **LUCIS: Land Use Control Information System**

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 31

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 06/21/2011

Next Scheduled EDR Contact: 09/05/2011 Data Release Frequency: Varies

#### Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System, HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 01/05/2011 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 51

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 04/05/2011

Next Scheduled EDR Contact: 07/18/2011 Data Release Frequency: Annually

#### SPILLS: State spills

A listing of spill and/or release related incidents.

Date of Government Version: 03/31/2011 Date Data Arrived at EDR: 04/26/2011 Date Made Active in Reports: 05/09/2011

Number of Days to Update: 13

Source: DEP, Emergency Response Telephone: 502-564-2380 Last EDR Contact: 03/30/2011

Next Scheduled EDR Contact: 08/08/2011 Data Release Frequency: Varies

### Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste

Date of Government Version: 03/11/2011 Date Data Arrived at EDR: 04/05/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 04/05/2011

Next Scheduled EDR Contact: 07/18/2011 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2011 Date Data Arrived at EDR: 02/11/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 05/11/2011

Next Scheduled EDR Contact: 08/22/2011 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 04/21/2011

Next Scheduled EDR Contact: 08/01/2011 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerty Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010

Number of Days to Update: 112

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 06/14/2011

Next Scheduled EDR Contact: 09/26/2011 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 04/05/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 70

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 04/04/2011

Next Scheduled EDR Contact: 07/18/2011 Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 02/25/2011 Date Data Arrived at EDR: 03/16/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 5

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 06/15/2011

Next Scheduled EDR Contact: 09/26/2011 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010 Date Data Arrived at EDR: 10/21/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 99

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 06/02/2011

Next Scheduled EDR Contact: 09/12/2011 Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/08/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 06/08/2011

Next Scheduled EDR Contact: 09/19/2011 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Tille III Section 313.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/17/2010 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 94

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 05/27/2011

Next Scheduled EDR Contact: 09/12/2011 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 -Last EDR Contact: 03/29/2011

Next Scheduled EDR Contact: 07/11/2011 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the

Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Conlact: 05/27/2011

Next Scheduled EDR Contact: 09/12/2011 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 05/27/2011

Next Scheduled EDR Contact: 09/12/2011 Data Release Frequency: Quarterly

#### HIST FITS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007 Number of Days to Update: 40

Source: Environmental Protection Agency Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

### HIST FITS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007 Number of Days to Update: 40 Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

#### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 05/02/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Annually

#### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/07/2011 Date Data Arrived at EDR: 01/21/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 59

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 03/28/2011

Next Scheduled EDR Contact: 07/11/2011 Data Release Frequency: Quarterly

#### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010 Date Data Arrived at EDR: 11/10/2010 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 98

Source: EPA

Telephone: 202-566-0500 Last EDR Conlact: 04/22/2011

Next Scheduled EDR Contact: 08/01/2011 Data Release Frequency: Annually

#### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/18/2010 Date Data Arrived at EDR: 04/06/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 51

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 06/13/2011

Next Scheduled EDR Contact: 09/26/2011 Data Release Frequency: Quarterly

#### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/11/2011 Date Data Arrived at EDR: 01/13/2011 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 34

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 04/13/2011

Next Scheduled EDR Contact: 07/25/2011 Data Release Frequency: Quarterly

### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010 Dale Data Arrived at EDR: 04/16/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 41

Source: EPA

Telephone: (404) 562-9900 Last EDR Contact: 06/14/2011

Next Scheduled EDR Contact: 09/26/2011 Data Release Frequency: Quarterly

### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011 Number of Days to Update: 62

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 05/27/2011

Next Scheduled EDR Contact: 09/12/2011 Data Release Frequency: Biennially

**DRYCLEANERS: Drycleaner Listing** A listing of drycleaner facility locations.

> Date of Government Version: 03/08/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 04/07/2011

Number of Days to Update: 29

Source: Department of Environmental Protection

Telephone: 502-573-3382 Last EDR Contact: 06/06/2011

Next Scheduled EDR Contact: 09/19/2011 Data Release Frequency: Varies

NPDES: Permitted Facility Listing

A listing of permitted wastewater facilities.

Date of Government Version: 02/10/2011 Date Data Arrived at EDR: 04/13/2011 Date Made Active in Reports: 05/06/2011

Number of Days to Update: 23

Source: Department of Environmental Protection

Telephone: 502-564-3410 Last EDR Contact: 05/16/2011

Next Scheduled EDR Contact: 08/29/2011 Data Release Frequency: Varies

AIRS: Permitted Airs Facility Listing

A listing of permitted Airs facilities.

Date of Government Version: 03/08/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 04/07/2011

Number of Days to Update: 29

Source: Department of Environmental Protection

Telephone: 502-573-3382 Last EDR Contact: 06/06/2011

Next Scheduled EDR Contact: 09/19/2011 Data Release Frequency: Varies

LEAD: Environmental Lead Program Report Tracking Database

Lead Report Tracking Database

Date of Government Version: 01/19/2011 Date Data Arrived at EDR: 04/19/2011 Date Made Active in Reports: 05/09/2011

Number of Days to Update: 20

Source: Department of Public Health

Telephone: 502-564-4537 Last EDR Contact: 05/16/2011

Next Scheduled EDR Contact: 08/29/2010 Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 04/21/2011

Next Scheduled EDR Contact: 08/01/2011 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 06/06/2011

Next Scheduled EDR Contact: 08/08/2011 Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 04/21/2011

Next Scheduled EDR Contact: 08/01/2011

Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008 Date Data Arrived at EDR: 02/18/2009 Date Made Active in Reports: 05/29/2009

Number of Days to Update: 100

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 05/05/2011

Next Scheduled EDR Contact: 08/15/2011 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010 Date Data Arrived at EDR: 01/03/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 06/14/2011

Next Scheduled EDR Contact: 09/26/2011 Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 04/19/2011

Next Scheduled EDR Contact: 08/01/2011 Data Release Frequency; Varies

COAL ASH: Coal Ash Disposal Sites
A listing of coal ash pond site locations.

Date of Government Version: 02/15/2011 Date Data Arrived at EDR: 02/17/2011 Date Made Active in Reports: 03/15/2011

Number of Days to Update: 26

Source: Department of Environmental Protection

Telephone: 502-564-6716 Last EDR Contact: 05/09/2011

Next Scheduled EDR Contact: 08/22/2011 Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

Financial Assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/09/2011 Date Data Arrived at EDR: 05/10/2011 Date Made Active in Reports: 06/22/2011

Number of Days to Updale: 43

Source: Department of Environmental Protection

Telephone: 502-564-5981 Last EDR Contact: 05/09/2011

Next Scheduled EDR Contact: 08/22/2011

Data Release Frequency: Varies

FINANCIAL ASSURANCE 3: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 03/14/2011 Date Data Arrived at EDR: 03/22/2011 Date Made Active in Reports: 04/07/2011 Number of Days to Update: 16 Source: Department of Environmental Protection

Telephone: 502-564-6716 Last EDR Contact: 05/09/2011

Next Scheduled EDR Contact: 08/22/2011 Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

A listing of financial assurance information.

Date of Government Version: 03/10/2011 Date Data Arrived at EDR: 03/11/2011 Date Made Active in Reports: 04/07/2011

Number of Days to Update: 27

Source: Department of Environmental Protection

Telephone: 502-564-6716 Last EDR Contact: 05/09/2011

Next Scheduled EDR Contact: 08/22/2011 Data Release Frequency: Varies

#### **EDR PROPRIETARY RECORDS**

#### **EDR Proprietary Records**

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wellands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wellands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 08/26/2009 Date Made Active in Reports: 09/11/2009

Number of Days to Update: 16

Source: Department of Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 05/26/2011

Next Scheduled EDR Contact: 09/05/2011 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 07/22/2010 Date Made Active in Reports: 08/26/2010

Number of Days to Update: 35

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 04/19/2011

Next Scheduled EDR Contact: 08/01/2011 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 05/12/2011 Date Made Active in Reports: 05/24/2011

Number of Days to Update: 12

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 05/12/2011

Next Scheduled EDR Contact: 08/22/2011 Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 12/01/2009 Date Made Active in Reports: 12/14/2009

Number of Days to Update: 13

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 04/04/2011

Next Scheduled EDR Contact: 07/06/2011 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 07/19/2010 Date Made Active in Reports: 08/26/2010

Number of Days to Update: 38

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 05/31/2011

Next Scheduled EDR Contact: 09/12/2011 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 07/06/2010 Date Made Active in Reports: 07/26/2010

Number of Days to Update: 20

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 06/20/2011

Next Scheduled EDR Contact: 10/03/2011 Data Release Frequency: Annualty

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Certified Child Care Homes Source: Cabinet for Families & Children

Telephone: 502-564-7130

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wellands Data: Welland Polygon Features

Source: Environmental Protection & Public Protection Cabinet

Telephone: 502-564-5174

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

#### STREET AND ADDRESS INFORMATION

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# GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

### **TARGET PROPERTY ADDRESS**

FARM PROPERTY 600 BUCKEYE ROAD LANCASTER, KY 40444

### **TARGET PROPERTY COORDINATES**

Latitude (North): Longitude (West): 37.63120 - 37\* 37' 52.3" 84.5717 - 84" 34' 18.1"

Universal Tranverse Mercator: Zone 16

714283.3

UTM X (Meters): UTM Y (Meters):

4167466.0

Elevation:

1001 ft. above sea level

#### **USGS TOPOGRAPHIC MAP**

Target Property Map:

37084-F5 BUCKEYE, KY

Most Recent Revision:

1952

South Map:

37084-E5 LANCASTER, KY

Most Recent Revision:

1979

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

#### **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquiters).

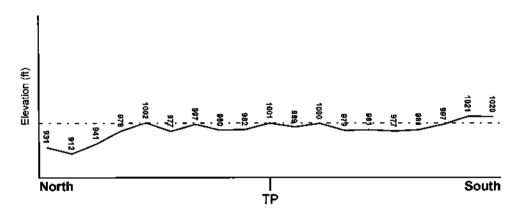
## TOPOGRAPHIC INFORMATION

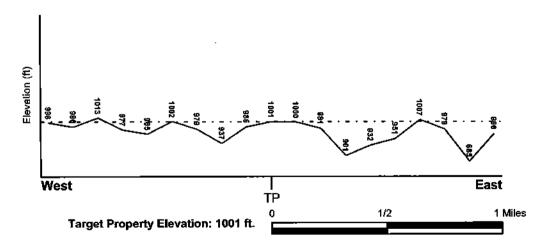
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

#### **SURROUNDING TOPOGRAPHY: ELEVATION PROFILES**





Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

#### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

**FEMA FLOOD ZONE** 

Target Property County

GARRARD, KY

FEMA Flood Electronic Data

Not Available

Flood Plain Panel at Target Property:

Not Reported

Additional Panels in search area:

Not Reported

NATIONAL WETLAND INVENTORY

**NWI Electronic** 

**NWI Quad at Target Property** 

Data Coverage

BUCKEYE

YES - refer to the Overview Map and Detail Map

#### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points, EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

LOCATION

**GENERAL DIRECTION** 

MAP ID GROUNDWATER FLOW FROM TP Not Reported

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than sitty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

#### **GEOLOGIC AGE IDENTIFICATION**

Era:

Paleozoic

Category: Stratified Sequence

System:

Ordovician

Series:

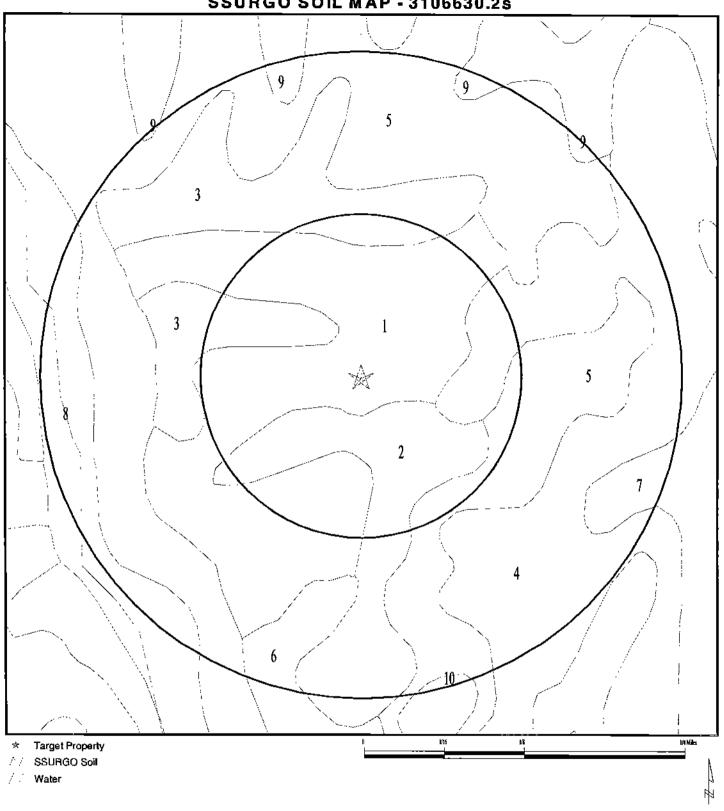
Upper Ordovician (Cincinnatian)

Code:

O3 (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source; P.G. Schruben, R.E. Amdt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 3106630.2s



SITE NAME: Farm Property
ADDRESS: 600 Buckeye Road
Lancaster KY 40444
LAT/LONG: 37.6312 / 84.5717

CLIENT: Micah Group, LLC CONTACT: Bill Brab INQUIRY#: 3106630.2s DATE: June 24, 2011 5:30 pm

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name:

Nicholson

Soil Surface Texture:

silt loam

Hydrologic Group:

Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:

Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min:

> 0 inches

Depth to Watertable Min:

> 51 inches

			Soil Layer	Information			
	Boundary			Classif	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	5 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 0.014	Max: Min:
2	5 inches	24 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 0.014	Max: Min:
3	24 inches	44 inches	silty clay loam	Sitt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 0.014	Max: Min:
4	44 inches	64 inches	silty clay	Sill-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 0.014	Max: Min:

	_		Soil Layer	r Information			
Boundary				Classification		Saturated hydraulic	-
Layer	Upper	pper Lower Soil Texture Class	AASHTO Group	Unified Soil		Soil Reaction (pH)	
5	64 inches	68 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Nol reported	Max: 141 Min: 0.014	Max: Min:

Soil Map ID: 2

Soil Component Name:

Nicholson

Soil Surface Texture:

silt loam

Hydrologic Group:

Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:

Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min:

> 165 inches

Depth to Watertable Min:

> 51 inches

			Soil Layer	Information			
	Bou	ındary		Classi	fication	Saturated hydraulic	
Layer	yer Upper Lower Soil Texture Clas		Soil Texture Class	AASHTO Group	Unified Soil	conductivity mlcro m/sec	
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Nat reported	Max: 141 Min: 0.014	Max: Min:
2	7 inches	24 inches	silt loam	Sill-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 0.014	Max: Min:

Soil Layer Information							
	Bou	ındary		Classi	fication	Saturated hydraulic	-
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
3	24 inches	44 inches	silly clay loam	Silt-Clay Malerials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 0.014	Max: Min:
4	44 inches	64 inches	silty clay	Silt-Clay Materials (more Ihan 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 0.014	Max: Min:
5	64 inches	68 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max; 141 Min: 0.014	Max: Min:

Soil Map ID: 3

Soil Component Name:

Lowell

Soil Surface Texture:

şilt loam

Hydrologic Group:

Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:

Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min:

> 76 inches

Depth to Watertable Min:

			Soil Laye	r Information			
	Bou	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	5 inches	silt loam	Sill-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	5 inches	42 inches	clay	Sift-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
3	42 inches	51 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
4	51 inches	55 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:

#### Soil Map ID: 4

Soil Component Name:

Faywood

Soil Surface Texture:

silty clay loam

Hydrologic Group:

Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately line or fine textures.

Soil Drainage Class:

Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min:

> 41 inches

Depth to Watertable Min:

	Soil Layer Information								
	Bou	ındary		Classi	fication	Saturated hydraulic			
Layer	Upper	Lower	Soil Texture Class	-AASHTO Group	Unified Soil	conductivity micro m/sec			
1	0 inches	5 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:		
2	5 inches	29 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:		
3	29 inches	33 inches	unwealhered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:		

Soil Map ID: 5

Soil Component Name:

Lowell

Soil Surface Texture:

silt loam

Hydrologic Group:

Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:

Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min:

> 132 inches

Depth to Watertable Min:

			Soil Layer	Information			
	Bou	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	5 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported .	Max: 0.42 Min: 0	Max: Min:
2	5 inches	42 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
3	42 inches	51 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
4	51 inches	55 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 6

Soil Component Name:

Sandview

Soil Surface Texture:

silt loam

Hydrologic Group:

Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class:

Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min:

> 0 inches

Depth to Watertable Min:

	Soil Layer Information								
	Воц	ındary		Classi	fication	Saturated hydraulic			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec			
1	0 inches	9 inches	silt loam	Sill-Clay Materials (more than 35 pcl. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4.23 Min: 0.42	Max: 7.8 Min: 5.1		
2	9 inches	38 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4.23 Min: 0.42	Max: 7.8 Min: 5.1		
3	38 inches	74 inches	silty clay	Silt-Clay- Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4.23 Min: 0.42	Max: 7.8 Min: 5.1		

Soil Map ID: 7

Soil Component Name:

Cynthiana

Soil Surface Texture:

silty clay loam

Hydrologic Group:

Class D - Very slow infiltration rates. Soils are clayey, have a high

water table, or are shallow to an impervious layer.

Soil Drainage Class:

Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

> 41 inches

Depth to Bedrock Min:

Depth to Watertable Min:

			Soil Layer	Information			
	Воц	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	5 inches	silly clay loam	Sitt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	5 inches	16 inches	ctay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
3	16 inches	20 inches	unweathered bedrock	Silt-Clay Malerials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:

#### Soil Map ID: 8

Soil Component Name:

Nolin

Soil Surface Texture:

silt loam

Hydrologic Group:

Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class:

Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min:

> 0 inches

Depth to Watertable Min:

> 137 inches

			Soil Laye	r Information			
	Bou	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 8.4 Min: 5.1
2	7 inches	46 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 8.4 Min: 5.1
3	46 inches	64 inches	silt loam	Sit-Clay Materials (more than 35 pct. passing No. 200), Sitty Soits.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 8.4 Min: 5.1

Soil Map ID: 9

Soil Component Name:

Lowell

Soil Surface Texture:

silt loam

Hydrologic Group:

Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:

Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min:

> 132 inches

Depth to Watertable Min:

			Soil Layer	r Information			
	Bou	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	7 inches	42 inches	day	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
3	42 inches	51 inches	clay	Silt-Clay Malerials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
4	51 inches	55 inches	unwealhered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 10

Soil Component Name:

Water

Soil Surface Texture:

silt loam

Hydrologic Group:

Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min:

> 0 inches

Depth to Watertable Min:

> 0 inches

No Layer Information available.

#### **LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

#### WELL SEARCH DISTANCE INFORMATION

DATABASE

SEARCH DISTANCE (miles)

Federal USGS

1.000

Federal FRDS PWS

Nearest PWS within 1 mile

State Database

1.000

#### FEDERAL USGS WELL INFORMATION

MAP ID

WELL ID

LOCATION

FROM TP

No Wells Found

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID

22

WELL ID

LOCATION FROM TP

KY0402055

1/2 - 1 Mile SSW

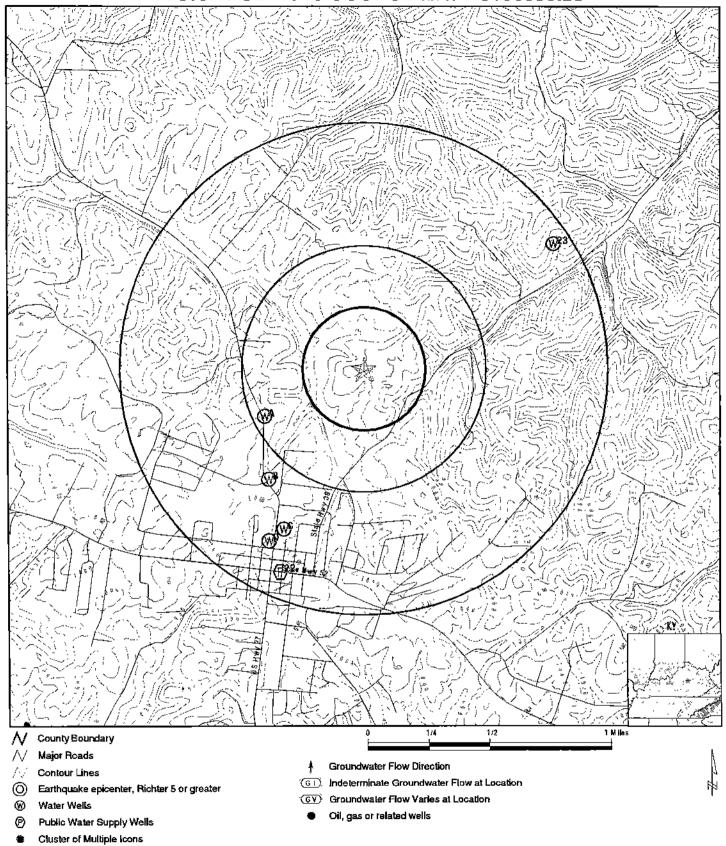
Note: PWS System location is not always the same as well location.

#### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	KY4000000042370	1/4 - 1/2 Mile WSW
A2	KY4000000042371	1/4 - 1/2 Mile WSW
A3	KY400000042367	1/4 - 1/2 Mile WSW
A4	KY4000000042368	1/4 - 1/2 Mile WSW
B5	KY400000042282	1/2 - 1 Mile SW
B6	KY4000000042283	1/2 - 1 Mile SW
<b>B</b> 7	KY400000042284	1/2 - 1 Mile SW
B8	KY400000042280	1/2 - 1 Mile SW
B9	KY4000000042281	1/2 - 1 Mile SW
B10	KY400000042279	1/2 - 1 Mile SW
B11	KY400000042267	1/2 - 1 Mile SW
B12	KY400000042268	1/2 - 1 Mile SW
B13	KY400000042269	1/2 - 1 Mile SW
B14	KY400000042270	1/2 - 1 Mile SW
C15	KY400000042207	1/2 - 1 Mile SSW
C16	KY400000042208	1/2 - 1 Mile SSW
C17	KY400000042209	1/2 - 1 Mile SSW
D18	KY400000042189	1/2 - 1 Mile SSW
D19	KY400000042190	1/2 - 1 Mile SSW
D20	KY400000042191	1/2 - 1 Mile SSW

#### STATE DATABASE WELL INFORMATION

## PHYSICAL SETTING SOURCE MAP - 3106630.2s



SITE NAME: Farm Property
ADDRESS: 600 Buckeye Road
Lancaster KY 40444
LAT/LONG: 37.6312 / 84.5717

CLIENT: Micah Group, LLC CONTACT: Bill Brab INQUIRY#: 3106630.2s

DATE: June 24, 2011 5:30 pm

Map ID Direction Distance Elevation Database **EDR ID Number** A1 WSW **KY WELLS** KY4000000042370 1/4 - 1/2 Mile Higher 240986 Location i: North lati: 37.62842 West longi: -84.57911 80031990 Mine Akgwa numb: Site type: Monitoring - Ambient 05/13/1997 Primary us: Constructi: KY4000000042370 Site id: A2 WSW **KY WELLS** KY4000000042371 1/4 - 1/2 Mile Higher 240621 Location i: North lati: 37.62842 West longi: -84.57911 80030014 Mine Akgwa numb: Site type: Primary us: Monitoring - Ambient Constructi: 02/25/1997 Site id: KY4000000042371 A3 WSW 1/4 - 1/2 Mile Higher **KY WELLS** KY4000000042367 235404 Location i: North lati: 37.62841 West longi: -84.57911 80030013 Mine Akgwa numb: Site type: Primary us: Monitoring - Ambient Constructi: 02/25/1997 KY4000000042367 Site id: A4 WSW **KY WELLS** KY4000000042368 1/4 - 1/2 Mile Higher Location i: 240622 North lati: 37.62841 -84.57911 West longi: 80030017 Site type: Mine Akgwa numb: 02/25/1997 Monitoring - Ambient Primary us: Constructi: KY4000000042368 Site id: B5 SW

1/2 - 1 Mile

**KY WELLS** 

KY4000000042282

Location i:

267765

North lati: West longi: 37.62481 -84.57883

Akgwa numb:

80047300

Primary us: Site id:

Monitoring - Ambient KY4000000042282

Site type:

Constructi:

Mine

02/27/2003

1/2 - 1 Mile Lower

**KY WELLS** 

KY4000000042283

Location i:

North lati:

264831 37.62481 -84.57883

West longi: Akgwa numb:

80044915

Site type: Constructi: Mine

04/16/2002

Primary us: Site id:

Monitoring - Ambient KY4000000042283

**KY WELLS** 

KY4000000042284

SW

Location i:

North lati: West longi: 264832 37.62481 -84.57883

Akgwa numb: Primary us:

80044916 Monitoring - Ambient

KY4000000042284

Site type: Constructi: Mine

04/16/2002

В6

Site id:

SW Lower **KY WELLS** 

**KY WELLS** 

KY4000000042280

KY4000000042281

Location i: North lati:

267763 37.6248 -84.57883

West longi: Akgwa numb: Primary us:

80047250

Site id:

Monitoring - Ambient KY4000000042280

Site type: Constructi: Mine

02/27/2003

В9 SW 1/2 - 1 Mile Lower

264833

North lati: West longi:

Location i:

37.6248 -84.57883

Akgwa numb: Primary us:

80044917 Monitoring - Ambient Site type: Constructi:

Mine 04/16/2002

Site id:

KY4000000042281

TC3106630.2s Page A-20

Map ID Direction Distance Elevation

Database

**EDR ID Number** 

B10 SW 1/2 - 1 Mile Lower

**KY WELL\$** 

KY4000000042279

Location i:

North lati:

267764 37.6248

West longi: Akgwa numb: -84.57883 80047299 Monitoring - Ambient

Site type: Constructi: Mine

02/27/2003

Site id:

Primary us:

KY4000000042279

**B11** 

SW 1/2 - 1 Mile

**KY WELLS** 

KY4000000042267

Location i:

North Iali: West longi: Akgwa numb:

37.62452 -84.57882 80047922

314852

Site type: Constructi: Mine

04/02/2003

Primary us: Site id:

Monitoring - Ambient KY4000000042267

B12 SW 1/2 - 1 Mile Lower

**KY WELLS** 

KY4000000042268

Location i: North lati:

314851 37.62452 West longi: -84.57883 Akgwa numb:

Primary us: Site id:

80047921 Monitoring - Ambient KY4000000042268

Site type: Constructi: Mine

04/02/2003

B13 SW 1/2 - 1 Mile Lower

**KY WELLS** 

KY4000000042269

Location i:

314854 North lati: 37.62452 West longi: -84.57883 Akgwa numb: 80047924

Primary us: Sile id:

Monitoring - Ambient KY4000000042269

Site type: Constructi: Mine

04/02/2003

B14 SW 1/2 - 1 Mile

**KY WELLS** 

KY4000000042270

Location i:

314853

North lati: West longi: 37.62452

Akgwa numb:

-84.57883

80047923

Site type: Constructi: Mine

Primary us: Site id:

Monitoring - Ambient KY4000000042270

04/02/2003

SSW 1/2 - 1 Mile

Higher

**KY WELLS** 

KY4000000042207

KY4000000042208

KY4000000042209

KY4000000042189

Location i:

North lati:

242324 37.62175

West longi:

-84.57772 80036335

Akgwa numb: Primary us: Site id:

Monitoring - Ambient KY4000000042207

Site type: Constructi: Mine

12/29/1998

SSW 1/2 - 1 Mile Higher

**KY WELLS** 

Location i:

North lati: West longi:

Akgwa numb:

Primary us:

Site id:

235380 37.62175 -84.57772

80036336 Monitoring - Ambient KY40000000042208

Site type: Constructi: Mine

12/29/1998

**KY WELLS** 

**KY WELLS** 

C17 SSW 1/2 - 1 Mile Higher

> Location i: North lati:

242325 37.62175 -84.57772

West longi: Akgwa numb: Primary us:

80036337 Monitoring - Ambient KY4000000042209

Site type:

Constructi:

Mine

12/29/1998

D18 SSW 1/2 - 1 Mile Higher

Site id:

Location i: North lati:

240870 37.62106

West longi: Akgwa numb: -84.57883 80032968 Monitoring - Ambient

Site type: Constructi: Mine 10/28/1997

Primary us: Site id:

KY4000000042189

Map ID Direction Distance Elevation Database **EDR ID Number** D19 SSW 1/2 - 1 Mile Higher **KY WELLS** KY4000000042190 Location i: 240869 North lati: 37.62106 West longi: -84.57683 Akgwa numb: 80032967 Mine Site type: Primary us: Monitoring - Ambient Constructi: 10/28/1997 KY4000000042190 Site id: D20 SSW 1/2 - 1 Mile KY4000000042191 **KY WELLS** Higher Location i: 240871 North lati: 37.62106 West longi: -84.57883 Akgwa numb: 80032969 Site type: Mine Primary us: Monitoring - Ambient Constructi: 10/28/1997 Site id: KY4000000042191 D21 SSW **KY WELLS** KY4000000042188 1/2 - 1 Mile Higher Location i: 235377 North lati: 37.62105 -84.57883 West longi: Akgwa numb: 80032970 Site type: Mine Primary us: Monitoring - Ambient 10/28/1997 Constructi: KY4000000042188 Site id: 22 \$\$W **FRDS PWS** KY0402055 1/2 - 1 Mile Higher Pwsid: KY0402055 04 Epa region: State: ΚY County: Garrard Pws name: CHRISTIAN APPALACHIAN PROJECT Population Served: 50 Pwssvcconn: 4 PWS Source: Groundwater Pws type: **TNCWS** Status: Closed Owner type: Local\_Govt Facility id: 1 Facility name: **WELLS** Facility type: Well Treatment process: chlorination (frds-1.5) Treatment objective: disinfection

Contact name:

CHRISTIAN APPALACHIAN PROJECT

Original name:

Not Reported

Contact phone:

606-885-9244

Contact address1:

Not Reported

Contact address2: Contact city:

217 LEXINGTON ST (CAMP NELSON) **LANCASTER** 

Contact zip:

40444

Pwsid:

KY0402055

Epa region:

04 Garrard

State: Pws name: KY

County: CHRISTIAN APPALACHIAN PROJECT

Population Served:

50 Groundwater Pwssvcconn:

PWS Source: Pws type: Status:

**TNCWS** 

Owner type:

Local\_Govt

Facility id: Facility name: Facility type:

Closed 1T

**WELLS** 

Treatment plant

Treatment process:

chlorination (frds-1.5)

Treatment objective:

disinfection

CHRISTIAN APPALACHIAN PROJECT

Contact name: Original name:

Contact phone:

Not Reported

606-885-9244 217 LEXINGTON ST (CAMP NELSON)

Contact address1:

Not Reported

Contact address2: Contact city:

LANCASTER

Contact zip:

40444

PWS ID:

KY0402055

Date Initiated:

7504 Dale Deactivated: Not Reported CHRISTIAN APPALACHIAN PROJECT

PWS Name: 217 LEXINGTON ST (CAMP NELSON)

LANCASTER, KY 40444

Addressee / Facility:

Not Reported

Facility Latitude: Facility Latitude: 37 30 00 37 37 09 Facility Longitude: 084 30 00 Facility Longitude: 084 34 41

City Served:

CAMP NELSON

Treatment Class

Not Reported

Population:

Not Reported

Violations information not reported.

23 ENE 1/2 - 1 Mile Lower

**KY WELLS** 

KY4000000042656

Location i:

65576

North lati: West longi: 37.63858 -84.55754

Akgwa numb: Primary us:

Not Reported Domestic

Site type: Constructi: Water Well 01/10/1995

Site id:

KY4000000042656

#### AREA RADON INFORMATION

State Database: KY Radon

Radon Test Results

Zip	Test Date	Test Result
_		-
40444	1/30/2002	15.40
40444	1/30/2002	5.20
40444	1/31/2002	4.30
40444	2/6/2002	2.70
40444	2/10/2002	1.60
40444	2/11/2002	1.60
40444	2/22/2002	2.30
40444	2/28/2002	18.70
40444	3/4/2002	2.80
40444	3/6/2002	0.60
40444	1/1/2002	16.20
40444	1/1/2002	16.20
40444	1/30/2002	15.40
40444	1/30/2002	5.20
40444	1/31/2002	4.30
40444	2/6/2002	2.70
40444	2/10/2002	1.60
40444	2/11/2002	1.60
40444	2/22/2002	2.30
40444	2/28/2002	18.70
40444	3/4/2002	2.80
40444	3/6/2002	0.60
40444	3/14/2002	14.90
40444	3/17/2002	1.80
40444	3/18/2002	1.50
40444	3/22/2002	1.20
40444	4/2/2002	8.20
40444	4/7/2002	1.60
40444	4/12/2002	0.40
40444	4/12/2002	0.50
40444	4/12/2002	0.70
40444	6/12/2002	2.60
40444	6/12/2002	1.50
40444	6/24/2002	2.30
40444	6/28/2002	3.20
40444	12/28/2002	0.00
40444	8/14/2002	6.00
40444	9/23/2002	8.10
40444	1/5/2003	1.80
40444	1/25/2003	14.80
40444	1/27/2003	1.20
40444	1/31/2003	2.10
40444	1/31/2003	0.80
40444	2/1/2003	2.70
40444	3/4/2003	15.70
40444	2/5/2003	1.30
40444		

#### **AREA RADON INFORMATION**

	2/11/2003	11.10
40444	2/11/2003	1.00
40444	2/17/2003	2.20
40444	2/18/2003	2.10
40444	2/24/2003	2.20
40444	2/25/2003	1.40
40444	2/25/2003	0.00
40444	2/27/2003	0.80
40444	3/19/2003	0.70
40444	3/24/2003	1.10
40444	3/24/2003	3.50
40444	3/27/2003	0.40
40444	3/31/2003	6.70
40444	7/28/2003	5.50
40444	4/14/2003	0.80
40444	4/25/2003	0.60
40444	5/23/2003	11.90
40444	6/27/2003	10.00
40444	7/1/2003	6.40
40444	7/3/2003	0.20
40444	9/6/2003	0.30
40444	9/20/2003	0.00
40444	12/15/2003	8.40
40444	11/13/2003	1.50
40444	11/13/2003	5.00
40444	4/5/2004	0.20
40444	4/14/2004	0.80
40444	4/19/2004	6.80
40444	5/7/2004	08.0
40444	8/21/2004	0.90
40444	10/7/2004	2.00
40444	10/24/2004	1.90
40444	12/17/2004	0.20
40444	5/14/2005	1.20
40444	5/14/2005	1.00
40444	1/21/2005	2.60
40444	2/4/2005	0.80
40444	4/13/2005	0.90

## Federal EPA Radon Zone for GARRARD County: 2

Note: Zone 1 indoor average level > 4 pCi/L. : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 40444

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.667 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.600 pCi/L	100%	0%	0%

### PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5° Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

#### HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Polygon Features

Source: Environmental Protection & Public Protection Cabinet

Telephone: 502-564-5174

#### HYDROGEOLOGIC INFORMATION

AQUIFLOWR Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

#### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Amdt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **LOCAL / REGIONAL WATER AGENCY RECORDS**

#### **FEDERAL WATER WELLS**

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

#### STATE RECORDS

Kentucky Water Well Records Database Source: Kentucky Geological Survey

Telephone: 859-257-5500

Water Wells in Kentucky. Data from the Kentucky Ground Water Data Repository.

#### OTHER STATE DATABASE INFORMATION

Oil and Gas Well Locations

Source: Kentucky Geological Survey

Telephone: 859-257-5500

Oil and gas well locations in the state of Kentucky

#### RADON

State Database: KY Radon

Source: Department of Public Health

Telephone: 502-564-4856 Radon Test Results

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

**EPA Radon Zones** 

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

#### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### STREET AND ADDRESS INFORMATION

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## **Farm Property**

600 Buckeye Road Lancaster, KY 40444

Inquiry Number: 3106630.3

June 24, 2011

## **Certified Sanborn® Map Report**



## Certified Sanborn® Map Report

6/24/11

Site Name:

Client Name:

Farm Property 600 Buckeye Road Lancaster, KY 40444 Micah Group, LLC 746 Westland Drive Lexington, KY 40504

EDR Inquiry # 3106630.3

Contact: Bill Brab



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Micah Group, LLC were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edmet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

#### Certified Sanborn Results:

Site Name:

Farm Property

Address:

600 Buckeye Road Lancaster, KY 40444

City, State, Zip: **Cross Street:** 

P.O. #

421

Project:

Phase I - Copperhead Environme

Certification #

31D6-4E6C-9E6D



Certification # 31D6-4E6C-9E6D

#### UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

Library of Congress

University Publications of America

EDR Private Collection

The Sanborn Library LLC Since 1866™

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## **Farm Property**

600 Buckeye Road Lancaster, KY 40444

Inquiry Number: 3106630.4

June 27, 2011

## **EDR Historical Topographic Map Report**



## **EDR Historical Topographic Map Report**

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

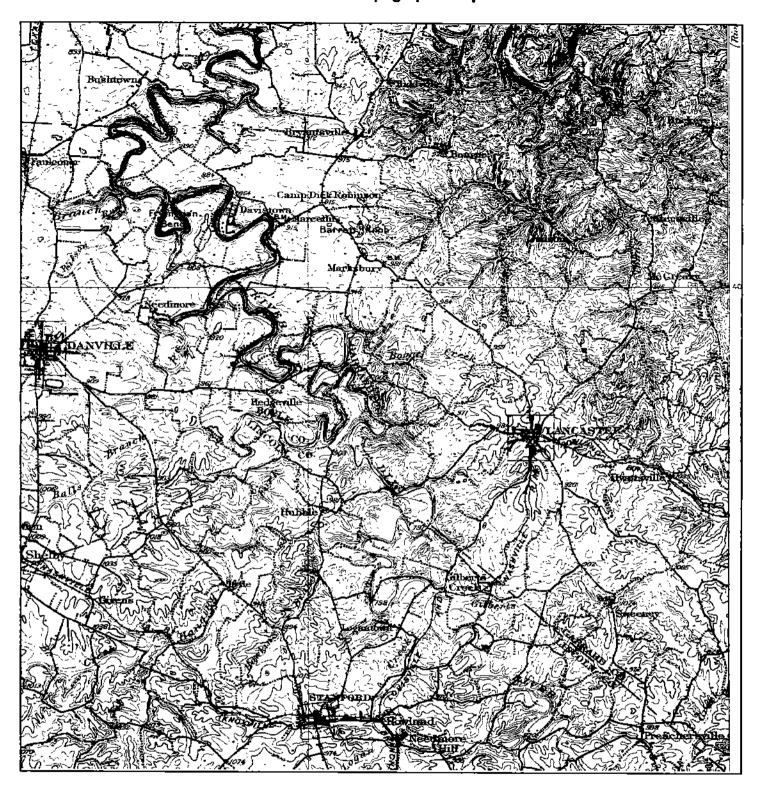
Thank you for your business.
Please contact EDR at 1-800-352-0050
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TARGET QUAD

NAME: **HARRODSBURG** 

MAP YEAR: 1905

SERIES:

SCALE:

1:125000

SITE NAME: Farm Property

ADDRESS: 600 Buckeye Road

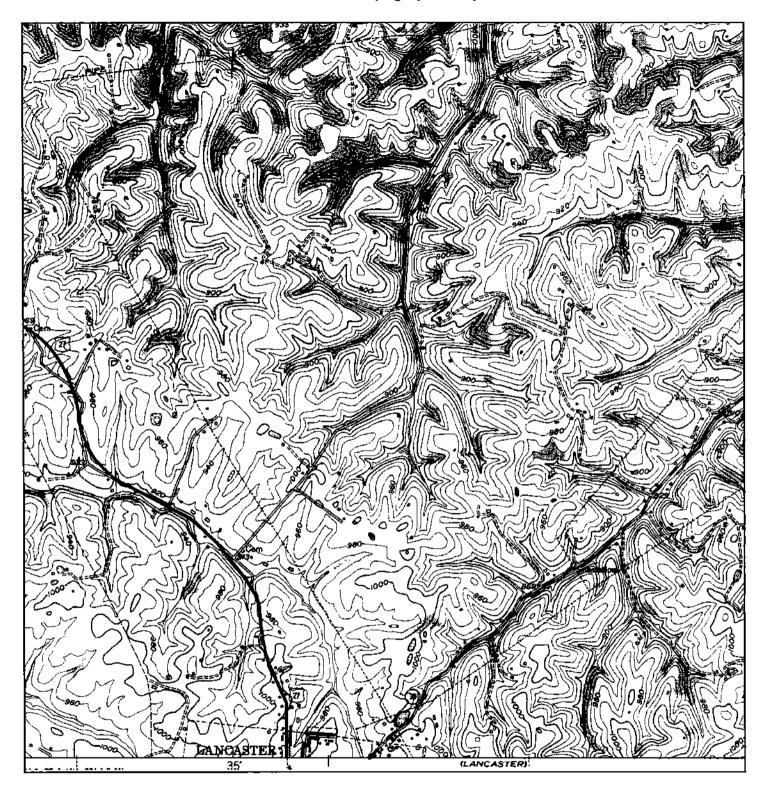
Lancaster, KY 40444

LAT/LONG: 37.6312 / -84.5717 CLIENT:

Micah Group, LLC

CONTACT: INQUIRY#:

Bill Brab 3106630.4



TARGET QUAD BUCKEYE NAME:

MAP YEAR: 1952

SERIES: 7.5 SCALE: 1:24000

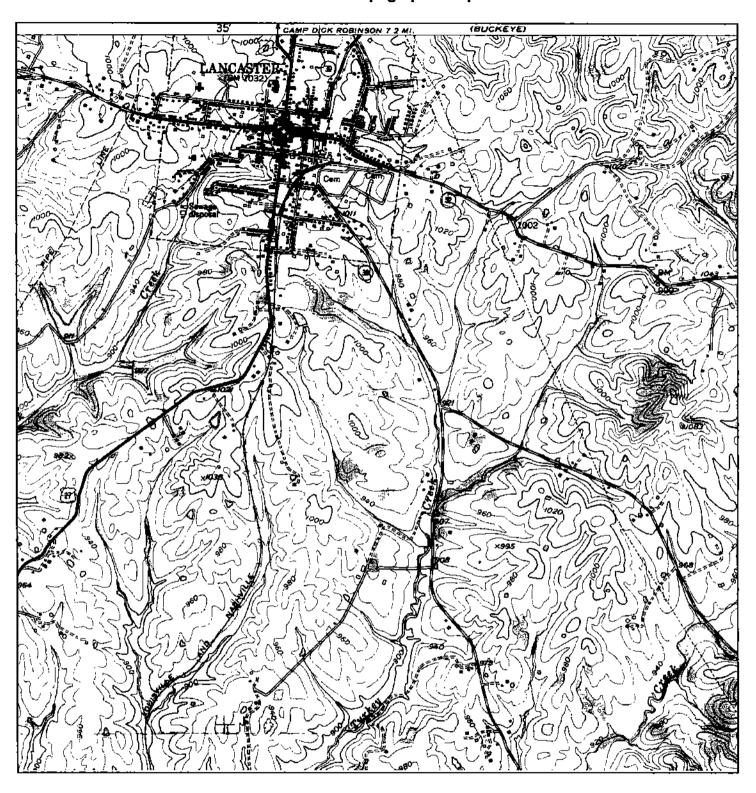
SITE NAME: Farm Property ADDRESS: 600 Buckeye Road

Lancaster, KY 40444

LAT/LONG: 37.6312 / -84.5717

CLIENT: CONTACT: Micah Group, LLC

Bill Brab INQUIRY#: 3106630.4



ADJOINING QUAD NAME:

LANCASTER

MAP YEAR: 1952

SERIES: 7.5

SCALE:

1:24000

SITE NAME: Farm Property

ADDRESS: 600 Buckeye Road

Lancaster, KY 40444

LAT/LONG: 37.6312 / -84.5717

CLIENT: Micah Group, LLC

CONTACT: Bill Brab INQUIRY#: 3106630.4



ADJOINING QUAD

NAME: LANCASTER

MAP YEAR: 1961

SERIES:

SCALE: 1:24000

SITE NAME: Farm Property

ADDRESS: 600 Buckeye Road

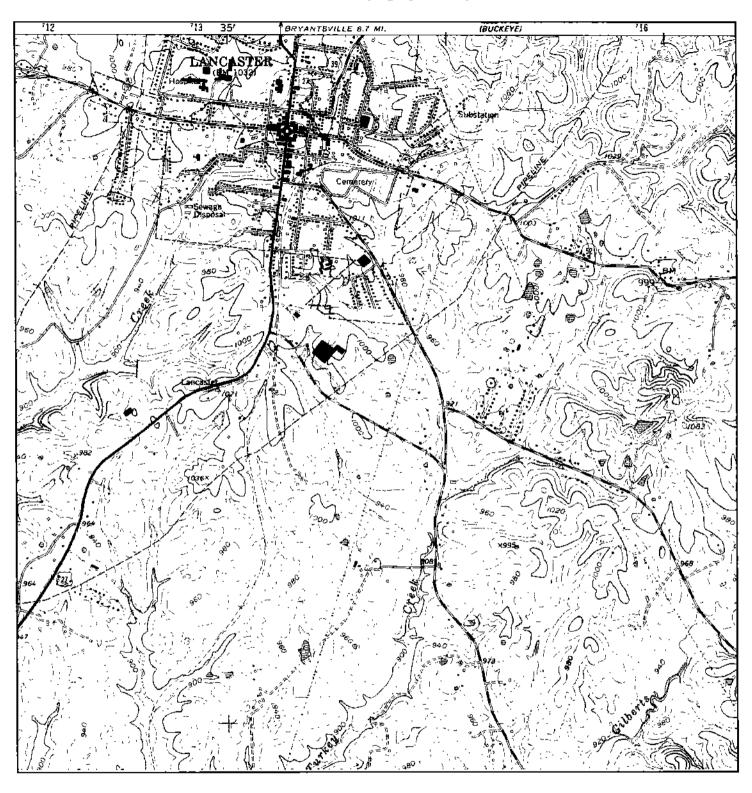
Lancaster, KY 40444

LAT/LONG: 37.6312 / -84.5717 CLIENT:

Micah Group, LLC

Bill Brab CONTACT: INQUIRY#:

3106630.4



ADJOINING QUAD

NAME: LANCASTER **MAP YEAR: 1979** 

PHOTOREVISED:1961

SERIES: 7.5 SCALE: 1:24000

SITE NAME: Farm Property ADDRESS: 600 Buckeye Road

Lancaster, KY 40444

LAT/LONG: 37.6312 / -84.5717

Micah Group, LLC CLIENT:

CONTACT: Bill Brab INQUIRY#: 3106630.4 RESEARCH DATE: 06/27/2011

## **Farm Property**

600 Buckeye Road Lancaster, KY 40444

Inquiry Number: 3106630.5

June 27, 2011

## The EDR Aerial Photo Decade Package



## **EDR Aerial Photo Decade Package**

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## **Date EDR Searched Historical Sources:**

Aerial Photography June 27, 2011

Target Property: 600 Buckeye Road Lancaster, KY 40444

<u>Year</u>	Scale	<u>Details</u>	<u>Source</u>
1950	Aerial Photograph. Scale: 1"=500'	Panel #: 37084-F5, Buckeye, KY;/Flight Date: March 24, 1950	EDR
1960	Aerial Photograph. Scale; 1*=500'	Panel #: 37084-F5, Buckeye, KY;/Flight Date: April 13, 1960	EDR
1975	Aerial Photograph. Scale: 1"=1000'	Panel #: 37084-F5, Buckeye, KY;/Flight Date: April 01, 1975	EDR
1983	Aerial Photograph. Scale: 1"=1000'	Panel #: 37084-F5, Buckeye, KY;/Flight Date: March 25, 1983	EDR
1988	Aerial Photograph. Scale: 1"=750'	Panel #: 37084-F5, Buckeye, KY://Flight Date: April 09, 1988	EDR
1990	Aerial Photograph. Scale: 1"=750"	Panel #: 37084-F5, Buckeye, KY;/Flight Date: April 08, 1990	EDR
1998	Aerial Photograph, Scale: 1"=750'	Panel #: 37084-F5, Buckeye, KY;/Flight Date: March 15, 1998	EDR
2006	Aerial Photograph. Scale: 1*=604'	Panel #: 37084-F5, Buckeye, KY:/Flight Date: January 01, 2006	EDR
2008	Aerial Photograph. Scale: 1"=604"	Panel #: 37084-F5, Buckeye, KY;/Flight Date: January 01, 2008	EDR





INQUIRY #: 3106630.5 YEAR: 1975 H = 1000'

INQUIRY #: 3106630.5 YEAR: 1983 **-**] = 1000'

INQUIRY#: 3106630.5 YEAR: 1988

INQUIRY #: 3106630.5

YEAR: 1990

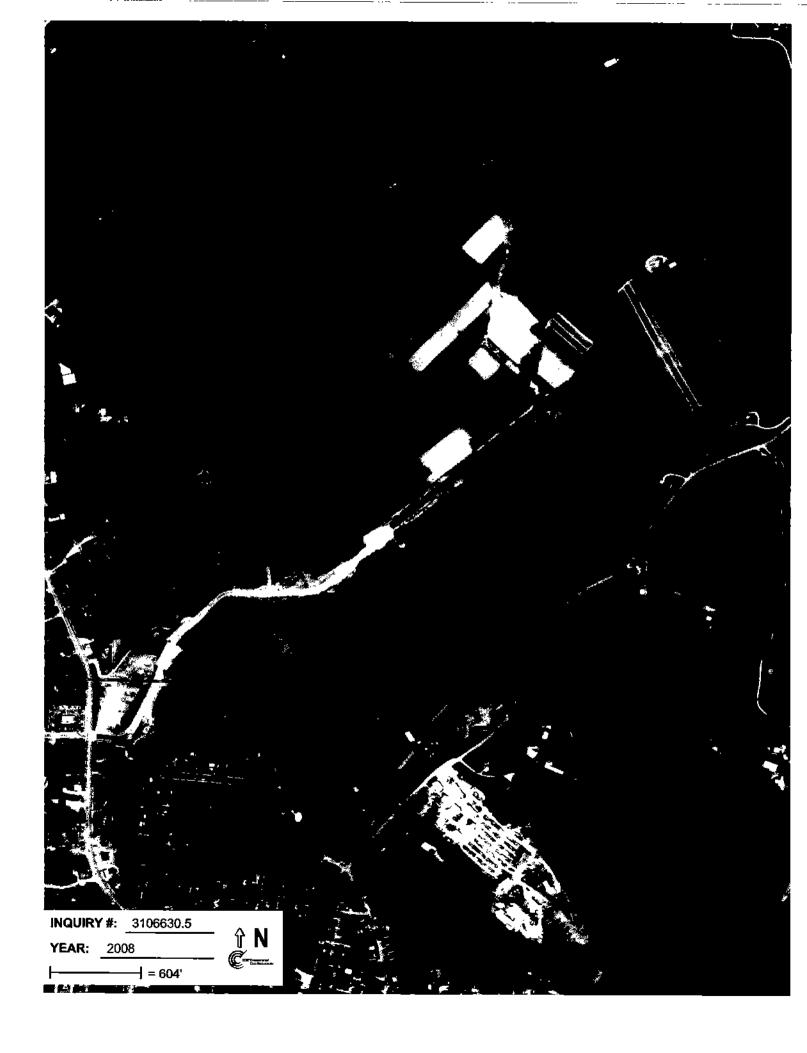
= 750'

INQUIRY #: 3106630.5
YEAR: 1998



**- 750**'

INQUIRY#: 3106630.5
YEAR: 2006



Farm Property 600 Buckeye Road Lancaster, KY 40444

Inquiry Number: 3106630.6

June 28, 2011

## **The EDR-City Directory Abstract**



440 Wheelers Farms Road Milford, CT 06461 800,352,0050 www.edrnet.com

#### 

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

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# ATTACHMENT D Photographs

